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U. S. DEPARTMENT OF AGRICULTURE

EVERYTHING FOR THE GARDEN

1931



IN THE GARDENS of the LEE MANSION
Arlington, Va., about 1847

PETER HENDERSON & CO.
35 and 37 Cortlandt St., New York.



Henderson's "Forget-Me-Not" Collection of 17 Perennial Flowers

List of Varieties			
A. Dbl. Hollyhock	G. Canterbury Bells	M. Aquilegia	
B. Forget-Me-Not	H. Digitalis	N. Gaillardia	
C. Delphinium	I. Scabiosa	O. Hardy Carnation	
D. Pyrethrum	J. Hardy Alyssum	P. Hardy Aster	
E. Sweet William	K. Corcopsis	Q. Shasta Daisy	
F. Hardy Phlox	L. Oriental Poppy		

Flower Seeds—See page 96

1 Packet each of the 17 varieties, post paid - - \$1.50

Plants—See page 165

1 Plant each of the 17 varieties, F. O. B. N. Y.	-	-	-	\$ 5.00
3 Plants " " " " " " " "	-	-	-	13.50
6 Plants " " " " " " " "	-	-	-	25.00

35 CORTLANDT STREET, NEW YORK, N. Y.

FREE DELIVERY, ETC. All Vegetable Seeds, Flower Seeds and Bulbs offered in this catalogue will be delivered—at the prices listed—transportation paid, in the U. S. and Possessions. We also deliver, transportation paid, all Lawn Grass Seed mixtures in any quantity. In making this Free Delivery offer we reserve the right to ship goods either by Parcel Post, Express or Freight.

NOTE—If cash or stamps are sent by mail **REGISTER THE LETTER.**

[illegible]

Everything in this Catalogue is delivered Transportation Paid, excepting where noted. Numbers are prefixed to each variety of Vegetable and Flower seed. Please order by number when possible.

[illegible]

If goods that we do not deliver free are wanted by Parcel Post, add postage at Zone rates. See page 173. The weights of such goods are given after the description.

Total Amount of Order

(PLEASE DO NOT WRITE IN THIS SPACE)

Route shipped by....., Date Shipped.....1531

In.....Pkgs.....Bundles.....Boxes.....Crates.....Baskets.....Bbls.....Bags

The following articles will be sent later.

Laid out by.....*Checked by*.....*Reply required by*.....

35 CORTLANDT STREET, NEW YORK, N. Y.

Buyer pays transit charges on Plants. We will ship by parcel post, or express, prepaid, if 10 per cent is added to the catalog price, for points East and 20 per cent for points West of the Mississippi River. We do not send Plants C. O. D.

P. O. Box, Street
or Rural Delivery.....

Post Office.....

County.....; State.....

Station or Exp. Office.....
(Only if different from P. O.)

Superintendent or Gardener.....
(That we may enter his name for Catalogs.)

All gardeners of experience know that success with seeds depends largely on weather conditions and proper cultivation, so in accordance with the universal custom of the seed trade PETER HENDERSON & CO. gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, Plants or Roots they send out, and they will not be in any way responsible for the crop.

Money Enclosed	Amount
Draft or Check,	
Ex. Money Order.	
Post-Office Order,	
Postage Stamps, (Send 2c Stamps)	
Total,	

No Plants Sent C. O. D.

**When sending Cash or Stamps
Register the Letter.**

[illegible]

IN ORDERING PLANTS WHICH ARE OFFERED ON PAGES 147 TO 172, PLEASE USE THIS ORDER BLANK

CUT ALONG THIS LINE

[illegible]

(PLEASE DO NOT WRITE IN THIS SPACE)

EVERYTHING FOR THE GARDEN

1931

January 1st, 1931

To Our Customers and Friends:

OUR business was established in 1847 and during its early years our founder, Mr. Peter Henderson, was able to maintain that close personal contact with his customers, the loss of which, as the business grew, was one of his greatest regrets. But because of the high standards of merchandising maintained by him, his little business grew far beyond his fondest dreams. Out of his own experience as a market grower, he knew the importance of dependable seeds and very early coined the slogan "TESTED SEEDS" and carried it out. In those days seeds were just seeds to most dealers and he had to originate most of the methods used in testing seeds and many of them are still in use today.

When we advertise "TESTED SEEDS" and "SERVICE" we mean that our customers receive seeds which have been tested under varying conditions prior to sale, thus reducing to a minimum the possibility of failure. By SERVICE is meant service such as only can be rendered our customers by the experience gained and the knowledge obtained over a period of more than eighty years of successful seed growing and merchandising.

We want our catalogue to be a friendly medium of contact and amicable business relations and we have tried to make it more than just a price list. The descriptions are carefully written and the illustrations are all made from actual photographs. We have endeavored to give cultural directions in conjunction with the various varieties wherever possible. In addition to this, we publish complete pamphlets pertaining to the growth and care of practically everything offered in our catalogue—these are free on request.

To our old customers the third generation of Henderson's wish to express our sincere appreciation of their past patronage and to our new we give the assurance that we will do all in our power to please them.

Very sincerely yours,

Peter Henderson

President

PETER HENDERSON & CO.
35 and 37 Cortlandt St., New York.

⁴ We deliver, Transportation Paid in the U.S.A. and Possessions

All Vegetable, Flower and Lawn Seeds in the Quantities Stated and at the Prices Listed in This Catalogue by Parcel Post, Express or Freight, at Our Option



Registered Trade Mark

BUSINESS RULES—We Do Not Supply Dealers, therefore our seeds, etc., can only be secured by sending orders direct to us.

The Prices Quoted in this Catalogue are Net—We reserve the right to advance prices without notice should current conditions require it.

We Make No Charges for Shipping and Carting of goods to any railroad station, steamship line or express office in New York City proper. Also we make no charge for packing, except special for foreign shipments, as tin-lined cases, double sacks, etc.; then we charge cost. Cloth bags we charge for, viz.: $\frac{1}{2}$ peck 10c.; 1 peck 15c.; $\frac{1}{2}$ bushel 20c.; 1 bushel 25c.; 2 bushels 45c. Burlap bags, 1 peck 10c.; $\frac{1}{2}$ bushel 15c.; 1 bushel 20c.; 2 bushels 25c.; 4 bushels 30c.; 6 bushels 35c.; 8 bushels 40c. No charge for bags with lawn grass mixtures.

Remittances may be made by Money Order, Check, Cash or Stamps. Please send 2c. stamps only.

Note.—If cash or stamps are sent by mail, be sure and Register The Letter.

C.O.D. Orders.—By Parcel Post or Express. If you wish goods sent C. O. D. send 25 per cent of the amount due with the order. Customer pays collection fee. The Post Office Department does not allow a prior examination of C. O. D. parcels. We do not ship Plants C. O. D. Regarding the shipping and delivery of Plants and Shrubs, see page 147.

Accounts.—We will be pleased to open charge accounts for the convenience of our customers. Kindly furnish references, New York City preferred, to avoid delay.

Orders.—We guarantee the safe arrival of your Seeds in the U.S.A., and orders are filled within 24 hours of their receipt by us. We use the greatest care in filling, checking and packing. Yet should anything be omitted we will promptly forward when advised. Please sign your orders.

Advisory Service.—We are glad to answer letters in detail, regarding your garden problems, but all request for information should be written on a separate sheet of paper, and not on orders.

Gardeners' and Greenskeepers' Situations.—We have at all times the names of practical gardeners, farm managers and greenskeepers in want of situations. If parties desiring such will write us, we shall be glad to put them in communication with men we deem suitable. We make no charge for this service.

All Gardeners of Experience know that success—with seeds depends largely on weather conditions and proper cultivation, so in accordance with the universal custom of the trade **Peter Henderson & Co.** gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, Roots or Plants they send out, and they will not be in any way responsible for the crop.

Please Order Early—Mail Your Order in January or February

PETER HENDERSON & CO., 35 Cortlandt Street, NEW YORK

SPECIAL OFFER

With Every Order for Seeds, Bulbs or Plants Amounting to \$3.00

WE WILL IF REQUESTED SEND FREE A COPY OF

Henderson's Garden Guide and Record

A New and Enlarged Edition. It Tells How to Plan, Plant and Cultivate Your Garden

It gives plans for City, Suburban and Country gardens. Tells how to make Rose Gardens, Rock Gardens, Perennial Gardens and Gardens of Annual Flowers. In short with this new edition, it will be possible for the garden lover to take an undeveloped piece of property and build a Garden Beautiful and Garden Bountiful. It also gives complete cultural instructions for growing both vegetables and flowers written by experts. The published price is 35c. per copy.

It is of convenient pocket size (5 x 8 $\frac{1}{2}$ inches), has 88 pages of text, including a complete index. Also 12 calendar pages, one for every month, for noting phenomena, dates and other items of interest and 3 plan pages. These greatly enhance its value and encourage an observant attitude in the garden.

THE FRONT COVER OF THIS BOOK.

Resuming our series of the historical gardens of America we picture on our front cover the gardens of the Lee-Custis Mansion at Arlington, Va., generally known as the Lee Homestead.

This grand old house was built in 1802 by George Washington Parke Custis, the adopted son of George Washington.

It is connected with the stirring times following the revolution and often figured in episodes of the Civil War. Near it is the tomb of America's Unknown Soldier.

As in all gardens of that period, perennial flower borders played a great part in the general scheme, and in them grew profusely the flowers our grandparents and great grandparents loved. In recent years there has been a revival of this fondness for the old-fashioned not entirely sentimental, but also because of their lasting qualities, coming up as they do year after year to rejoice the hearts of all garden lovers.

On pages 161 to 163 we offer collections of these perennial plants which are entirely reliable and can be planted to produce an effect equal to the picture.

PETER HENDERSON & CO., 35 CORTLANDT STREET NEW YORK

298 Medals, Cups, Diplomas have been awarded Our Seeds 5

GOLDEN MEDALS

GOLDEN OPINIONS



**FOUR WEEKS
FROM SOWING
IT IS READY
FOR MOWING
PRODUCING
PERMANENTLY
LUXURIANT
LAWNS
AND
GRASS PLOTS**

SEE PAGES 10 TO 12



**GOLD MEDALS
AND
GOLDEN OPINIONS
ATTEST ITS
SUPERIORITY
BOTH FOR
FORMING
NEW LAWNS
AND
RENEWING
OLD LAWNS**

SEE PAGES 10 TO 12

**THE "HENDERSON" SEED
USED AND PRAISED FROM THE ATLANTIC TO THE PACIFIC**

HIGH QUALITY GRASS SEED IS BY FAR THE CHEAPEST

As the cost of the seed represents the smallest outlay in making a lawn, it is obvious that any but the very best seed will add materially to the cost of the lawn. Old or immature seed will not germinate. An impure mixture will produce a weedy lawn and digging out weeds is a tedious and expensive operation.

A failure means an expensive re-seeding and renovating job, so whether you intend to sow a ten foot patch or a ten acre plot you will save money by planting

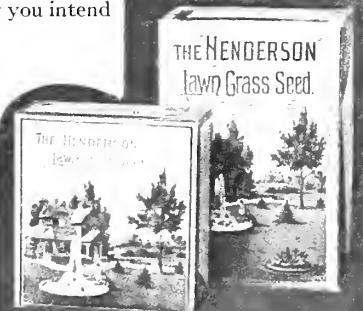
THE HENDERSON LAWN GRASS SEED.

For over eighty years it has been used on the most beautiful lawns in America.

Sow the seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushel per acre.

Price of the Henderson Lawn Grass Seed

50c per qt., 90c for 2 qts., \$1.65 for 4 qts., \$3.00 per peck of 5 lbs., \$5.50 per 1/2 bushel of 10 lbs., \$10.00 per bushel of 20 lbs., 100 lb. lots and over \$50.00 per 100 lbs. Delivered Transportation Paid in the U. S.



The Most Beautiful Lawns in America Are Made With THE HENDERSON LAWN GRASS SEED



I am thoroughly sold on this seed, and don't think there is anything better. Henderson's Grass seeds weigh 20 lbs. to the bushel, while most other grass seed weighs only 14 lbs.; this shows that there is little chaff in it, it's all seeds; in other words, there is over 40 per cent more grass seed in Henderson's bushel.

A. E. BISSING,
Hays, Kan.

The money you pay for seed is but a small part of the cost of building a lawn. But upon the quality of seed depends the success of the lawn. It is therefore obviously not thrifty to buy light weight, cheap lawn seed largely made up of chaff or of varieties not cleaned and of very low germination. The failure of the seed to germinate means that the lawn will be a failure, and all the construction work must be done over again.

Lawn Renovation and Care

By Peter Henderson

There has always been a general impression that if a lawn was not in good condition, the only thing to be done was to dig it up and then re-seed. There is no doubt but that this is preferable if the clearing could be done and the ground allowed to remain fallow for a full month with rakings at intervals of several days to take out the weeds that would come up from the seeds still in the ground. But this method is not always desirable for it means a month or more of unsightly grounds, while with a little additional attention the present lawn can be quite satisfactorily renovated.

RAKING

In renovating your present lawn it should be cut closely and then gone over thoroughly with a steel toothed rake, the teeth of which have been sharpened by filing. Tear right through the grass and weeds. Also thoroughly scratch the surface of the ground and if the work is properly done, your lawn will look like a wreck when you finish and the mass of weeds and dead grass and debris that you will gather up will be astonishingly large. Too much care cannot be given to this raking.

FERTILIZING

If the ground is not particularly good, it is desirable at this point to broadcast Henderson Lawn Enricher in the proportion of five pounds to each one hundred square feet. Rake this in and you will find that this second raking will bring out a further quantity of waste.

After the fertilizer has been thoroughly worked in, the surface should be carefully smoothed with the back of the rake and Henderson Lawn Grass Mixture sown at the rate of one quart to each two hundred square feet. The Henderson Mixture is made up from a formula that is the result of many years' experience and it comprises a number of different varieties, each with a more or less important part to play in your lawn. Because some grasses are at their best at different times of the year, a properly balanced mixture is absolutely necessary if you wish an all-season lawn which will present the same attractive appearance from early spring to late fall.

SOWING SEED

The sowing should be done when there is no breeze to blow the light seeds so as to make an uneven seeding. As a general rule there is an hour or two early in the morning or at about sundown when there is a lull that will enable you to take care of the seeding. An excellent method is to mix the seed to be sown with five or six times the volume of good pulverized top soil and sow the mixture. It is necessary to have a complete coverage and this can best be done by dividing the lawn by means of strings into lanes of about four feet in width and sowing each lane carefully. In such sowing, do so forward so that you are walking on the sown ground. After this is completed, smooth the ground carefully with the rake so as to lightly cover the seed and then roll.

ROLLING

This rolling is a very important part of the work and upon it depends both the quality and quantity of germination and also the time. Some months ago I had occasion to visit a golf course where the seed was not coming on as it was thought it should, and I found that the difficulty was improper or rather insufficient rolling. On one green someone had walked across it after it had been completed and it was a very wonderful demonstration of why they had not had a better, or at least a quicker germination, for while not a bit of green was to be seen elsewhere, the footprints where the ground had been pressed, showed the green grass blades an inch long. So roll it carefully and thoroughly. If a roller is not available, use two wide boards walking from end to end and moving one forward while standing on the other.

Results should begin to come in from seven to ten days and the new grass should be ready for cutting inside of five or six weeks.

Our pamphlet "How to Make a Lawn" is enclosed in every package sent out by us.

Amount of Seed Required for New Lawns

Measurement	Square Feet	Quantity
10 x 10 Ft.....	100	1 qt.
20 x 10 Ft.....	200	2 qts.
20 x 40 Ft.....	800	1 peck
40 x 100 Ft.....	4,000	1 bushel
200 x 200 Ft.....	40,000	5 to 6 bushels

For renovating use half these quantities.

"Sports Turf" Enhances the Enjoyment of Every Event 7



Henderson's Famous Sports Turf Grass Seed Mixtures

For Athletic and Polo Fields, Stadiums, Parks, Baseball, Football Grounds, Etc.

These Grass Seed Mixtures Are Delivered Transportation Paid in the U. S., by Express, Freight or Parcel Post, at our Option.

Athletic Field

As it is the opinion of authorities on field sports, that a perfect turf is an absolute necessity for perfect play, and because the constant grilling of hard foot-wear on a sports field demands a turf composed of a combination of deep-rooting, fine-leaved grasses possessing extraordinary resistant and tenacious qualities, it is for these reasons that Henderson's Athletic Field Grass Seed Mixture is invariably chosen by Collegiate and Scholastic, as well as by Professional League, Mercantile and other Athletic, Baseball and Football Associations.

By conducting an Extensive Series of Experiments at our Trial Grounds with combinations of grasses, and subjecting the resulting turf to a treatment as rigorous as it would receive on any Athletic Field, we have developed a mixture of grass seeds upon which we can confidently stake our reputation of eighty-three years.

Henderson's Athletic Field Grass Seed Mixture produces a close, compact and densely matted turf of great resiliency, though free from slipperiness. The grasses are fine-leaved, deep-rooting and of an attractive green. The seed, if sown under proper conditions, should form a turf, ready for mowing, in about four weeks from sowing.

Many of the leading Athletic, Baseball and Football Clubs are using this grass seed mixture with complete satisfaction. Besides those illustrated on this page, we may mention The Polo Grounds, N. Y., West Point, Annapolis, Yale University, Harvard University, Princeton University, Culver Military Academy, and many others.

Sow at the rate of 150 lbs. to 200 lbs. per acre according to soil conditions.

Price of Henderson's "Athletic Field Grass Mixture," 60c. per lb.; \$12.50 per bushel of 25 lbs.; \$45.00 per 100 lbs.; transportation paid. Write for special prices on large quantities.

Polo Field

Used on the Leading American Polo Fields

This is a special blend of deep-rooting, fine-leaved, turf-forming Grasses, especially suited for Polo Grounds. This mixture forms a thick, strong enduring turf that will stand any amount of hard usage without showing wear and tear. It grows quickly, and if soil and conditions are at all favorable, with attention to rolling and mowing, should be ready for hard use in eight weeks from sowing.

The refreshing green and the close turf—which have attracted the attention of hundreds of thousands of patrons of the principal Polo Grounds of the country—were produced by this special mixture of The Henderson Grass Seed. Among others we may mention the Polo Grounds at Meadowbrook, where the famous international match was played in 1924, Newport, Lakewood, Rockaway Hunt, Saratoga, also some of the leading Polo Fields in the West and Middle West.

Sow at the rate of 150 lbs. to 200 lbs. per acre according to soil conditions.

Price, 60c. per lb.; \$12.50 per bushel of 25 lbs.; \$45.00 per 100 lbs. transportation paid. Write for special prices on large quantities.

Tough Turf

For Tennis Courts, Croquet Grounds, Bowling Greens, etc.

The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in this mixture, which is composed of fibrous, deep-rooting Grasses that spread and intermingle. The seeds are blended in the proper proportions to form and maintain a tough matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 100 square feet, or six bushels per acre, although 50 per cent more may be used with advantage. Half that quantity will do for renovating. This mixture has been used with great success at the Rumson Polo Fields, also at the Forest Hills Tennis Courts, the great sport centers for Tennis, and numerous other playing fields.

Price, 50c. per qt.; \$1.65 for 4 qts.; \$3.00 per peck of 5 lbs.; \$5.50 per ½ bu. of 10 lbs.; \$10.00 per bu. of 20 lbs.; \$45.00 per 100 lbs. Transportation paid.

Airport

A careful survey and study of the turf requirements for Aviation Fields and Air Ports has resulted in the special mixture offered herewith. It is composed primarily of extremely hardy low growing grasses requiring a minimum amount of mowing. Our mixture is similar to the specifications recommended by the Aeronautics Branch of the U. S. Write for special prices.



We Supply the Latest and Most Improved Implements and Equipment for Athletic Fields and Golf Courses. Send for Sports Turf Price List.

Famous Since Golf Was First Played in America



The photograph above pictures a part of the beautiful LAKEVILLE GOLF COURSE at Great Neck, Long Island. This course is famous throughout the east for its verdant Fairways and Greens. Henderson's Mixtures are used and have given the greatest satisfaction.



The photograph in the circle shows one of our esteemed customers, Mr. Thomas Meighan, the famous movie star, engaged in his favorite sport at the Lakeville Golf Course pictured above.

We publish this photograph by special permission of Mr. Meighan.

Henderson's Superior

Golf Course

Grass Seed Mixtures

Grass Seed Mixtures are Delivered Transportation Paid in the U. S., by Express, Freight or Parcel Post, at Our Option

Mixtures of Grass Seeds that have been scientifically blended by experts in the production of turf for Golf Courses are preferred by experienced greenkeepers. They have learned that a quicker and more uniform stand of grass is obtained where a mixture is employed; also that the resulting turf possesses greater qualities of endurance.

In the first place a mixed turf is not so readily influenced by adverse atmospheric conditions of drought or excessive moisture as one composed of a single variety of grass, because the feeding roots are not all grouped in the same depth of soil and consequently are not all affected by a localized soil condition. Perhaps the paramount advantage, however, lies in the fact that it has been proven that turf composed of a mixture of grasses is far less susceptible to the ravages of fungus diseases—

like Brown Patch—than a Green containing one variety of grass only.

Henderson's Grass Seed Mixtures are the result of exhaustive research, and an extensive series of experiments and tests at our own trial grounds in New Jersey as well as in test plots in various sections of the country. These mixtures are composed of the most suitable native Grasses, mingled with the best imported varieties. Henderson's Grass Seed Mixtures are famous since the advent of Golf in America, as we were the pioneers in the production of turf for Golf Courses. Many of the finest courses in America today were laid down with these mixtures. They are blended to suit the ground to be seeded; if your conditions are out of the ordinary, a description of the soil and notes on climate and the lay of the land should be sent when ordering. See page 4 for Henderson's Re-cleaned Varieties of Grasses used on Golf Courses.

Putting Green Mixture

(Bent Formula)

Putting Greens sown with a properly blended mixture of grasses are in most cases far superior to those on which only one variety was sown. They come into play quicker after seeding; they present a more attractive appearance from early spring to late fall; and due to the fact that the roots draw their nourishment from various depths in the soil, a more resistant and durable turf is formed.

This mixture contains a large percentage of the various Bents and is the best that scientific skill and many years of experience can produce. Sow from 75 to 100 lbs. for the average sized 90 x 90 ft. green.

Price, 90c. per lb.; \$20.00 per bushel of 25 lbs.; \$75.00 per 100 lbs.; transportation paid.

Special Mixture for the Rough

As more attention is now given to the refinements of the game, the Rough is no longer allowed to be covered with weeds, but is sown with a re-cleaned grass seed mixture such as offered here in order to produce a fair, though not unduly troublesome penalty for the players.

Price, 55c. per lb.; \$11.50 per bushel of 25 lbs.; \$40.00 per 100 lbs.; transportation paid.

Special Mixture for Bunkers

As bunkers and mounds frequently become extremely dry and parched, we have developed a mixture that will give satisfaction under these trying conditions.

Price, 60c. per lb.; \$12.50 per bushel of 25 lbs.; \$45.00 per 100 lbs.; transportation paid.

Fairway Mixture

On most Golf Courses the Fairways receive far less attention than the Putting Greens; it is therefore important that a mixture of grass seeds be sown that will produce a fine, well knit elastic turf, requiring a minimum amount of attention. The importance of good Fairways cannot be overestimated, for walking on a springy turf that is pleasing to the eye, is one of the added attractions of the game.

This mixture is specially blended to fulfil these requirements. Sow 150 to 200 lbs. per acre, according to the nature of the soil. For renovating, use half this amount.

Price, 60c. per lb.; \$12.50 per bushel of 25 lbs.; \$45.00 per 100 lbs.; transportation paid.

Fairway-Bent Mixture

There is an increasing demand for Bent in the Fairways and Polo Fields, so we have blended a special formula containing a good percentage of South German, Rhode Island, and Colonial Bents, with other Fairway grasses adaptable for most soil conditions. Price 75c. per lb.; \$16.00 per bushel of 25 lbs.; \$60.00 per 100 lbs.; transportation paid.

Special Mixture for Tees

The Tees are the most abused parts of any golf course. Not only must they be able to withstand the divot taking onslaughts of the novices, but they also are obliged to endure the excessive foot-wear of all the players. This Special Mixture is composed of extremely deep rooting grasses that will stand great wear, combined with the stoloniferous types that will cover the divot scars quickly. Sow at the rate of 10 lbs. to 1,000 square feet.

Price, 60c. per lb.; \$12.50 per bushel of 25 lbs.; \$45.00 per 100 lbs.; transportation paid.

NOTE.—We publish a special catalogue on Golf Grasses and Requisites, Fertilizers, etc. Send for HENDERSON'S SPORTS TURF. It is an invaluable aid to any Chairman or Greenkeeper. Mailed free on request.

Henderson's Superior Recleaned Grasses

Cleaned at the source of production, and recleaned in our own warehouses with the most modern seed-cleaning machinery in America. They are then analyzed and tested by us, and verified by check tests at State and Government Stations.

Henderson's Individual Recleaned Grasses are therefore Unequaled for Purity and Germination.

Bent, Astoriana (*Agrostis Capillaris*). This variety differs from Rhode Island Bent in that it is an underground creeper, creeping usually by rhizomes. This is a very valuable feature because it gives a dense, reinforced sod of a pleasing green color and a fine texture. It is a desirable grass for putting greens and lawns. Price, \$2.50 per lb.; \$42.00 per bushel of 20 lbs.; \$200.00 per hundred lbs.

Bent, Colonial (*Agrostis Tenuis*). This grass imported from New Zealand, is identical with Rhode Island Bent. Leaf-blades very narrow and flat; dark green; slightly creeping habit and makes a fine turf for Putting Greens. It succeeds on all well drained soils and unlike some other grasses it thrives on acid soils. Price, \$2.00 per lb.; \$35.00 per bushel of 20 lbs.; \$150.00 per 100 lbs.

Bent, Creeping (*Agrostis Species or South German. Mixed Bent*). This is undoubtedly one of the finest grasses for Putting Greens. The distinctive feature of this species is its compact, creeping rooting stems. It is of rapid growth and spreading habit; the stoloniferous roots form a strong enduring turf which withstands hard usage. Does well on all soils, particularly on light, moist land. Price \$2.00 per lb.; \$35.00 per bushel of 20 lbs.; \$150.00 per 100 lbs.

Bent, Rhode Island (*Agrostis Tenuis*). Rhode Island Bent is distinguished from Red Top by its dwarf habit, shorter and narrower leaves and its peculiar open panicle which does not become closed when mature. Thrives well on acid soils. Rhode Island Bent produces only short stolons or runners makes a very fine dark green turf. An excellent grass for Putting Greens. Price, \$2.00 per lb.; \$35.00 per bushel of 20 lbs.; \$160.00 per 100 lbs.

Bent, Seaside (*Agrostis Maritima*). This is the variety which was first identified in Oregon, and has been offered by others under a special trade name. It is a hardy creeping variety forming close mat-like sward and is very desirable for Putting Greens. Does well in moist situations, making a rapid growth of fine texture blades are almost as narrow as true creeping bent. In habit this variety is a vigorous stoloniferous creeper and is the only other bent that can compare favorably with Creeping or Velvet Bents. Price, \$2.50 per lb.; \$42.00 per bushel of 20 lbs.; \$200.00 per 100 lbs.

Bermuda Grass (*Cynodon Dactylon*). A most valuable grass for the Southern course. It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. It grows on all types of soils but shows a preference for clay and clay loams, and particularly land that is well limed. Price, 70c. per lb.; \$55.00 per 100 lbs.

Blue Grass, Canada (*Poa Compressa*). A very hardy perennial grass with creeping root-stocks. It grows on the poorest and driest soils—sandy, gravelly, or clayey, standing severe wetness or drought. A useful grass on Fairways and Tees. Price 70c. per lb.; \$12.00 per bushel of 20 lbs.; \$55.00 per 100 lbs.

Blue Grass, Kentucky (*Poa Pratensis*). It is a true perennial lasting indefinitely and improving every year. Kentucky Blue Grass has creeping underground stems; leaf blades very narrow; color a deep vivid green. Unlike some other grasses, it blooms but once each season. It is one of the very best grasses for Fairways in the North and succeeds well on all good soils, especially where lime is used. Price 70c. per lb.; \$13.00 per bushel of 20 lbs.; \$60.00 per 100 lbs.

Fescue, Chewing's New Zealand (*Festuca Chewings*). This variety of Red Fescue imported from New Zealand is now recognized as one of the leading grasses for Putting Greens and Fairways. It is adapted to practically all conditions. Growing exceedingly well in sandy soil. Making a fine compact turf of a dark green color. Price 75c. per lb.; \$14.00 per bushel of 20 lbs.; \$65.00 per 100 lbs.

Fescue, Creeping Red (*Festuca rubra No German grown.*) This is the true creeping variety which thrives well on poor soils, and is especially adapted for shaded locations. It forms a dense permanent turf which leaves little room for weeds to come through. The blades are narrow, dark green and velvety. Price \$1.75 per lb.; \$35.00 per bushel of 25 lbs.; \$125.00 per 100 lbs.

Fescue, Fine Leaved Sheep's (*Festuca Tenuifolia*). The leaves of this variety are very fine and dark green. It thrives on very dry soils and in the shade. Price, 80c. per lb.; \$10.00 per bushel of 14 lbs.; \$65.00 per 100 lbs.

Fescue, Hard (*Festuca Duriuscula*). A variety of Sheep's Fescue. Leaves broader, wire-like, not flat. Grows in bunches if sown alone. For the "Rough" where the soil is thin or sandy Hard Fescue thrives well. Price, 65c. per lb.; \$7.50 per bushel of 14 lbs.; \$50.00 per 100 lbs.

Fescue, Meadow (*Festuca Pratensis*). This grass is also called English Blue Grass, and in the South, Randall's Grass; flat and bright green. Grows to a height of 30 inches when left uncut. For wet soils few grasses are equal to Meadow Fescue. Price 45c. per lb.; \$9.00 per bushel of 22 lbs.; \$30.00 per 100 lbs.

Fescue, Red (*Festuca Rubra*). A deep rooted species, forming a close and lasting turf of dark green, specially adapted for dry sandy soils. It resists extreme drought and thrives on inferior soils, gravelly banks and exposed hillsides, also in the shade. It is preferred to the Bents on the sandy type of soil in the Northern States for Putting Greens. Lime need not be used where this grass is desired. Price, 80c. per lb.; \$10.00 per bushel of 14 lbs.; \$60.00 per 100 lbs.

Fescue, Sheep's (*Festuca Ovina*). It is a bunch grass, forming dense tufts 3 to 6 inches in diameter with wire-like leaves 2 to 4 inches long of bluish gray. Sheep's Fescue is an excellent grass to grow on poor sandy soils for Fairways, when mixed with other grasses, as it helps to make a durable sward. Sown alone, it is bunchy. For the "Rough" on sandy dry soil, it is excellent. Price, 65c. per lb.; \$7.50 per bushel of 14 lbs.; \$50.00 per 100 lbs.

Fescue, Various Leaved (*Festuca Heterophylla*). This grass is a native of Europe; the leaves fine and dark green and the plant is of a tufted habit though slightly creeping. It does best on soils rich in humus. Used to a limited extent on Fairways and Tees. Price, 90c. per lb.; \$11.00 per bushel of 14 lbs.; \$70.00 per 100 lbs.

Red Top, Fancy (*Agrostis Palustris*). This grass has been known under various common names, such as White Top, Fiorin White Bent, and Herd's Grass. It is a perennial grass with a creeping habit of growth, leaf blades narrow. Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It grows well on wet land. It is strongly drought-resistant and flourishes on soils so very poor in lime that most other grasses fail. It is a vigorous grower and thrives from Canada to the Gulf. A very valuable grass for Fairways especially on land lacking lime. Price, 55c. per lb.; \$16.00 per bushel of 32 lbs.; \$45.00 per 100 lbs.

Red Top, Ordinary. Same as the above, only lighter in weight per bushel. Price 40c. per lb.; \$4.00 per bushel of 14 lbs.; \$25.00 per 100 lbs.

Rye Grass, Italian (*Lolium Italicum*). Like Perennial Rye Grass it is a rapid grower and is treated as an annual. It is used largely in the South to sow over the Bermuda sod as soon as it turns brown. Used in this way, it makes an excellent Fairway for the winter. Price, 40c. per lb.; \$5.50 per bushel of 18 lbs.; \$25.00 per 100 lbs.

Rye Grass, Pacey's Perennial (*Lolium Perenne Pacey's*). This variety used in a mixture is an excellent "nurse" grass under some conditions for Fairways and where a quick turf is desired. It produces a verdant growth four or five weeks after sowing. The leaves are narrow, flat and smooth. The undersurface of leaves is bright and glossy which gives an attractive appearance to the grass. Price, per lb. 40c.; \$9.00 per bushel of 30 lbs.; \$28.00 per 100 lbs.

Rough Stalked Meadow (*Poa Trivialis*). A spreading, thickly matting stoloniferous-rooted species; leaf blades narrow, flat, and dark green in color. Forms a fine turf and adapted for shady situation on Fairways under trees. Thrives on moist and stiff clay lands. Price, 90c. per lb.; \$16.00 per bushel of 20 lbs.; \$70.00 per 100 lbs.

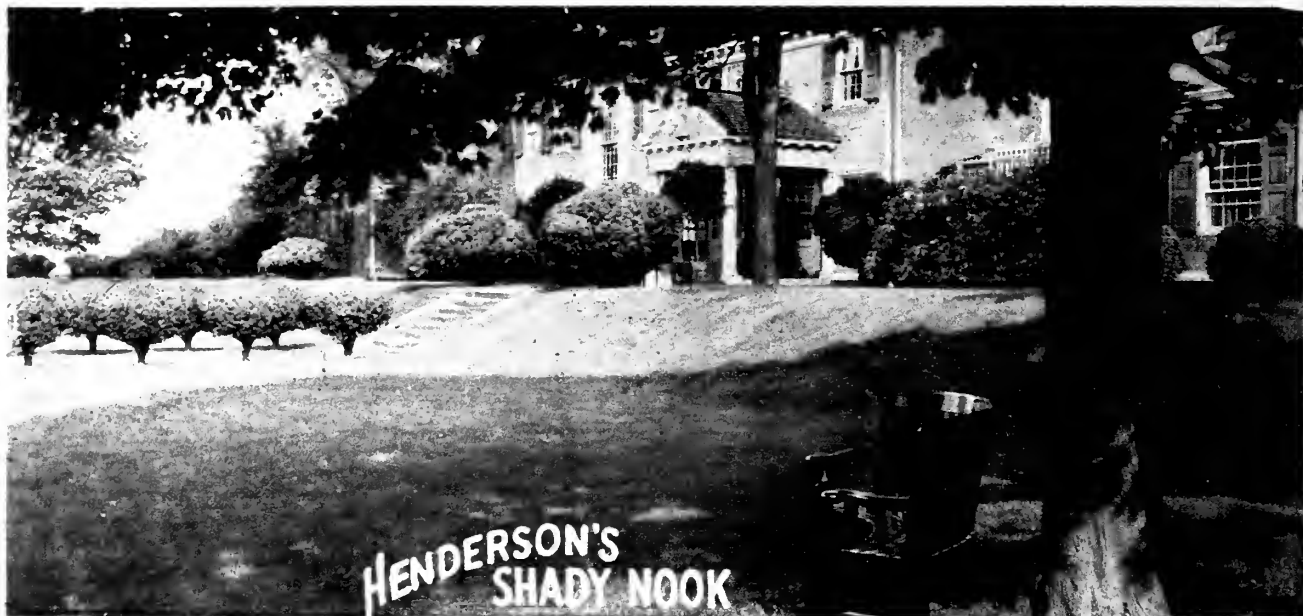
Wood Meadow Grass (*Poa Nemoralis*). This grass is adapted for moist shady places and should be included in mixtures for shady lawns and Fairways that are overshadowed by trees. Weight about 14 lbs. per bushel. Price \$1.25 per lb.; \$16.00 per bushel of 14 lbs.; \$100.00 per 100 lbs.

Yarrow (*Achillea Millefolium*) Is being used to a great extent on Tees. It is a deep-rooting perennial and withstands drought. Sow alone or with grass mixtures. Price, \$2.00 per lb.

We are pleased to make special mixtures when desired in accordance with the purchaser's requirements or after his own formulas

10 It has been Used to Create American Lawns "Since 1847"

Henderson's Lawn Grass Seed Mixtures



Shady Nook

On nearly all lawns there are unsightly bare spots under the shade of trees, which have baffled all efforts to get into Grass, but with this mixture there need be no further difficulty. It is a combination of fine, dwarf growing, evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered and shaded spots. Ground that has been densely shaded by trees is frequently "sour," and if the drainage is defective it is apt to be covered with moss and coarse Grasses.

In such cases an application of slaked lime, at the rate of one hundred pounds to each thousand square feet, or two tons to the acre, is an excellent corrective and sweetener, but the moss should be first raked off. Sow seed at the rate of 1 qt. for 100 sq. ft., 1 peck (5 lbs.) for 800 sq. ft. 5 to 6 bushels per acre. (*See illustration.*)

Price, transportation paid in the U. S., 60c. qt.; \$2.00 for 4 qts.; \$3.50 per peck of 5 lbs.; \$6.50 per 1/2 bu. of 10 lbs.; \$12.00 per bu. of 20 lbs.; \$55.00 per 100 lbs.

"I have the nicest lawn under apple trees from your Shady Nook grass seed. Everybody admires it."

Mrs. Joseph Murphy,
Vandergrift, Pa.

"The Shady Nook and Terrace Lawn Grass Seed I purchased from you is perfect. My lawn is admired by everybody."

L. E. Duffy,
E. Mauch Chunk, Pa.

Terrace Sod

This is a special mixture of Grasses best suited for sowing on terraces, embankments and hillsides; Grasses that produce long, strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety-green turf throughout the season. There need be no fear of introducing coarse Grasses into your lawn by sowing this mixture, for, though strong-rooted, the Grasses are equally as fine-leaved as those used in the "Henderson Lawn Grass" mixture.

Sow seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushels per acre. (*See illustration.*)

Price, transportation paid in the U. S., 60c qt.; \$2.00 for 4 qts.; \$3.50 per peck of 5 lbs.; \$6.50 per 1/2 bu. of 10 lbs.; \$12.00 per bu. of 20 lbs.; \$55.00 per 100 lbs.

"From your Terrace Sod Seed last year in just five weeks, I had the finest sod on Terrace you ever saw."

O. M. Kimball,
Trafford, Pa.

"The 'Terrace' grass seed I had from you last year, does well."

D. H. Stephens,
Riverton, Conn.

"The Terrace Seed I got from you last spring gave perfect satisfaction. Would like some more."

Mrs. J. R. Swartz,
Omaha, Nebr.



Create a Beautiful Lawn with Henderson's Lawn Grass Seeds, and keep it in condition with Henderson's Ball Bearing Lawn Mower described on page 173.

A Good Lawn is an Ideal Combination of Use and Beauty ¹¹

For Special Purposes and Situations

Sunny South

It is especially prepared for the South, and contains all the best Grasses that are by nature adapted for hot, dry situations. In the South, Bermuda Grass is frequently used, but it remains green only in the summer months, turning brown in winter, but by using this mixture, and with some care and attention to watering, an all-the-year-round lawn can be maintained in Southern States where Grasses do not usually thrive. Sow seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushels per acre.

Price, transportation paid in the U. S., 60c. qt.; \$2.00 for 4 qts.; \$3.50 per pk.; \$6.50 per ½ bus. of 10 lbs.; \$12.00 per bu. of 20 lbs.; \$55.00 per 100 lbs.

"I am very well pleased with the Sunny South Grass Seed that you have already sent me."
J. E. Wolfe,
Miami, Fla.

"I am planning to place some additional portion of my country place into a lawn, and to carry out this work, please send me 5 bus. of your Sunny South Lawn Grass Seed same as you have furnished me for several years. This particular grass does very well down here."

W. A. Henson,
Chattanooga, Tenn.

"Last year, I used your Sunny South Lawn Mixture on my little front yard, and had a beautiful lawn which cause many heads to turn in passing. I almost wearied of answering such questions as 'Where did I get it, how did I plant it and how much does it cost.'"

Mrs. J. C. Price,
North. S. C.

"I bought 5 bus. of the Sunny South Lawn Grass Seed from you last fall for a new lawn, and I have the most magnificent stand of grass I ever obtained."

Albert Tanksley,
Nashville, Tenn.



Seaside

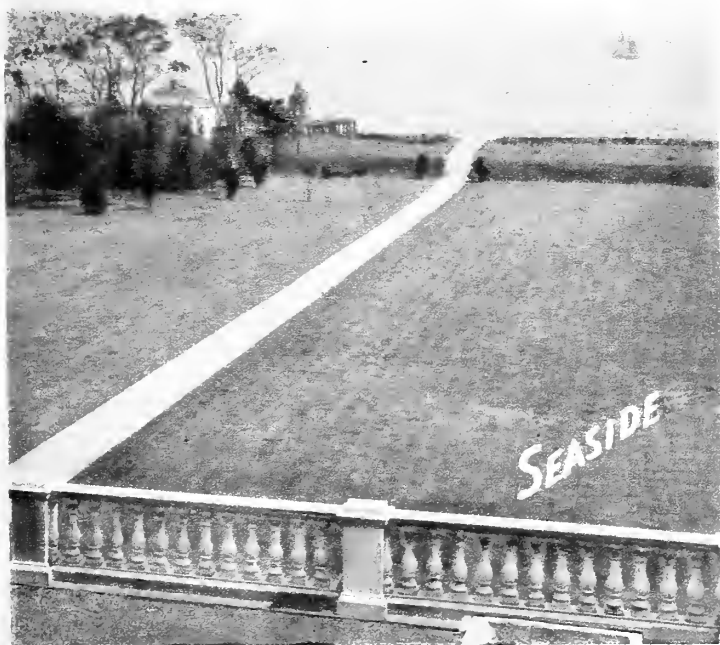
Along our seacoast there are many beautiful summer homes and resorts with such sandy saline surroundings and poor soil, that a turf of the favorite lawn Grasses cannot be produced. We have so often made up a mixture of special Grasses to thrive under these trying conditions that we have concluded to offer it for the benefit of others who may be having the same "trouble in getting Grass to grow." Our "Seaside" mixture will make a good turf of green on sand where the finer Grasses will not thrive, though, of course, the sand must be top-dressed with not less than 2 inches of soil before even our "Seaside" Grass Seed is sown, to enable the young Grass to get a start, after which the long roots—peculiar to the varieties we use in this mixture—drive down deeply in the sand and remain permanently self-sustaining, if attention is given to sprinkling during dry weather. Sow seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushels per acre.

Price, transportation paid in the U.S., 50c. qt.; \$1.65 for 4 qts.; \$3.00 per pk. \$5.50 per ½ bu. of 10 lbs.; \$10.00 per bu. of 20 lbs.; \$45.00 per 100 lbs.

White Dutch Clover

An excellent clover for lawns, makes a close compact growth, covering the ground like a carpet. It also prevents the washing out of soil during heavy rains. Thrives well on all soils.

Price, 30c. per ¼ lb.; 50c. per ½ lb.; 80c. per 1 lb.; 10 lb. lot at 75c. per lb.



The "HENDERSON" LAWN GRASS SEED

This Mixture Produces a Grassy Carpet of Unrivalled Emerald Green

Which in 4 Weeks from Sowing will be Ready for Mowing

(See Color Plate Opposite)

A good lawn is unquestionably the most beautiful and most valuable feature of the home grounds; or, in fact, of any landscape developments, including public parks, private estates, suburban plots, or even a city yard. Nothing else can impart the same dignity, or appearance of refinement, or set off the architectural beauty of a building to better advantage than a well-made, well-kept lawn. Furthermore, a beautiful lawn is not only valuable from an aesthetic standpoint, or because it promotes a personal pride of ownership; but, it also possesses real intrinsic value, as it actually increases the value of the property upon which it grows.

A lawn made with THE "HENDERSON" LAWN GRASS SEED is practically permanent. Customers tell us that lawns made with this mixture twenty or more years ago, are as beautiful today as they were in their first flush of youth.

It should be borne in mind when considering the making of a lawn that the cost of the seed represents only a small part of the actual investment. The labor cost is usually far in excess of the cost of the seed. It is therefore indeed false economy to save a few cents by buying a mixture of grass seeds obtained from a questionable source, only to be obliged to endure the

annoyance and expense of continually repatching a weedy irregular turf, and perhaps being forced to do the entire work over again in a short time.

Henderson's celebrated Lawn Grass Seed Mixture has been thoroughly tested and has proven its worth by country-wide use during three-quarters of a century. It is the fruit of years of our personal experience and study, coupled with that of many of America's foremost gardeners, who steadfastly maintain and unite with us in saying that it has no superior for American conditions and the American climate. The rapidity with which it will form a deep green velvety turf, free from clumps or weeds, has repeatedly aroused comments of astonishment and admiration; for, under ordinary conditions, the bare, drab soil will be clothed with a living emerald carpet in four weeks' time.

Quantity of Seed Required for Lawns

Size of Plot	Square Feet	Quantity
10 x 10	100	1 qt.
20 x 10	200	2 qts.
20 x 40	800	1 peck
40 x 100	4000	1 bushel
200 x 200	40,000	5 to 6 bushels

"I am so thoroughly sold on this seed, that I don't think there is anything better, you will notice Henderson's Grass seeds weigh 20 lbs. to the bushel, while most all other grass seed weigh only 14 lbs., this goes to show that there is not much chaff in it, it's all seed; in other words, THERE IS OVER 40 PER CENT MORE GRASS SEED IN HENDERSON'S BUSHEL.

"I can recommend it very strongly, for I have never seen its equal."

ALEX E. BISSING, Hays, Kan.

Price of the "Henderson" Lawn Grass Seed (Delivered Transportation Paid)

50c. per qt. 90c. for 2 qts. \$1.65 for 4 qts. \$3.00 per peck of 5 lbs. \$5.50 per ½ bushel of 10 lbs. \$10.00 per bushel of 20 lbs. 100 lb. lots and over \$50.00 per 100 lbs.

White Dutch Clover. An excellent clover for lawns, makes a close compact growth, covering the ground like a carpet. It also prevents the washing out of soil during heavy rains. Thrives well on all soils. Price, 30c. per ¼ lb.; 50c. per ½ lb.; 80c. per 1 lb.; 10 lb. lot at 75c. per lb.

We give full instructions for making new lawns or re-seeding old ones in our booklet "How to Make a Lawn." This is enclosed on every package sent out by us.

Special "Bent Formula" Lawn Grass Seed Mixture

It Makes Every Lawn Like a Putting Green and Has Aroused Great Enthusiasm Among All Lovers of a Perfect Lawn.

(See Color Plate Opposite)

On account of the growing popularity of golf in recent years, the question has many times been put to us by our customers, "Why can't I have a lawn that looks like a Putting Green?" Our answer to this was to make up a combination of the finest re-cleaned grasses, using as a basis for this mixture the imported and domestic Bent Grasses which are so largely used in the finer Putting Greens of today.

We are very pleased to announce that our sales of this mixture have more than trebled since we offered it to our customers, and there seems to be no doubt that again this year there will be another great increase in the demand for this special formula.

A lawn seeded with this mixture and properly cared for will in truth make every lawn a putting Green. On a lawn of this type,

Clock Golf and other lawn games may be enjoyably played.

It is imperative in maintaining a lawn of this type, that the grass should be kept cut short and well rolled all through the season. Starvation of the grass plants is the most frequent cause of unsatisfactory lawns, and grass needs constant small applications of fertilizer and plenty of water to maintain a perfect lawn.

Also, every spring apply a dressing of Henderson's Lawn Enricher. Broadcast this, using ten pounds for each 200 square feet, and water it in thoroughly with a hose.

We advise seeding at the rate of one pound to cover a space of 10 x 20 or 200 square feet. Price, transportation paid in the U. S. \$1.50 per lb.; 5 lbs. \$7.00; 20 lbs. \$25.00; 100 lbs. lots and upward, \$110.00 per 100 lbs.

FOUR WEEKS
FROM
SOWING

THE "HENDERSON" LAWN GRASS SEED



SPECIAL BENT FORMULA

EVERY LAWN
A
PUTTING GREEN



Triumphs of Vegetable Perfection for 1931

Shown in Colors on Opposite Page

Henderson's New Red "Beefheart" Tomato

Offered for the First Time This Year

876 Our hybridizers have devoted seven years to the perfection of this new and unique variety. It is the shape of a heart and is deliciously meaty hence the name "**Beefheart**."

The fruits are a brilliant scarlet red in color giving it a very attractive appearance, and it is not at all uncommon to see vines carrying tomatoes weighing from two to three pounds each. The quality, flavor and solidity of "**Beefheart**" is all that can be desired by the connoisseur, and it is just as "seedless" as our famous Ponderosa. As breeders well know, there are two kinds of solid Tomatoes. One derives its solidity from a thick-fleshed outer wall and a tough skin, and this is eagerly sought by the shipper.

The solidity of "**Beefheart**" and Ponderosa, too, is owing to very different causes. A serious defect in many sorts is the hard, core-like character of the cell walls, which frequently remain green and hard long after the other parts of the fruit are ripe, and this very defect has been utilized in the breeding of "**Beefheart**." We have succeeded so thoroughly in developing, enlarging and making tender these cell walls that they have almost filled the seed cavities, spaces which in other tomatoes contain only seed and watery pulp. The result achieved is a solid mass of meaty, succulent flesh of incomparable quality.

Price, pkt. 25c.; 5 pkts. \$1.00.

Henderson's

New Carrot "Tendersweet"

Introduced by Peter Henderson & Co., 1928

The Sweetest, Tenderest and Hardest Red Carrot Grown

310 "**Tendersweet**" represents carrot quality at its zenith, because of its hardness and reliability as a cropper, and for rich color and attractive uniform appearance. "**Tendersweet**" has been received with great enthusiasm by both amateur and professional gardeners.

The top-growth is quite distinct from any other variety, being a rich dark green with a distinct purplish tinge that becomes more pronounced at the base of the stems. Tapering slightly from the shoulder to a blunt end the perfectly formed smooth roots average 8 to 10 inches in length.

The flesh is of fine texture with very little core and exception ally sweet flavored. The color is deep orange, the outer skin showing a distinct tinge of red. It matures but a few days after the early sorts.

Price, pkt. 20c.; 3 pkts. 50c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00; transportation paid.

Henderson's

**Special
Strain**

Golden Ponderosa

It Equals Ponderosa in Size But Bears Rich, Golden-Yellow Fruits in Abundance

889 A yellow Tomato that has color alone to distinguish it is not entirely novel. Many such varieties have been introduced, but, having failed to gain popularity owing either to lack of flavor or some other essential, have disappeared from cultivation. **GOLDEN PONDEROSA** is equal in every respect to its parent the red Ponderosa, possessing all the qualities that have made our Ponderosa a household word throughout the land, and, in addition, has the striking color which compels instant attention. It originated as a "Sport" from red Ponderosa and comes remarkably true; but some parri-colored fruits may be expected.

It presents a striking appearance when served sliced with the red Ponderosa, and supplies a decorative table effect both novel and attractive.

Price, pkt. 20c.; 3 pkts. 50c.; oz. \$1.50; transportation paid.

Henderson's New Sweet Sugar Corn

Sugarsweet

Superlatively Sweet—Temptingly Tender—A Delicious Morsel—

132 This is one of the earliest varieties—by this we mean that it grows and is fit for eating in a shorter period of time than almost any other variety. The ears grow to a length of 5 or 6 inches, and each ear has an ample stem or handle, which should be left on when cut, so that when served at the table the ear will be more convenient to hold. Served in this manner, and eaten from the ear, it makes a very dainty and delicious morsel.

Our grower remarked when testing this corn for quality, that he had been growing sugar corn for a great many years, and knew all the leading varieties, but that he was sure that **Henderson's New Sugarsweet Corn** excelled them all.

The dwarf size of the stalks, which never attain a height of more than 4 feet, enables the suburbanite to raise **more corn on the same space of ground**.

Price, pkt. 25c.; 3 pkts. 60c.; pint, \$1.00; transportation paid.

New Golden Gem Sweet Corn

Has All the Qualities of Golden Bantam but is Sweeter

120 This new dwarf variety of golden yellow sugar corn originated at the experimental farm of the North Dakota State College. We have tested it thoroughly at our Trial Grounds at Red Bank, N. J., this year, and found it to be six to eight days earlier to mature than Golden Bantam which is, of course a great advantage. We are sure, that like its golden-hued twin, it will be a great favorite with the amateur gardener on account of the early date upon which it matures, and its wonderful honey-sweet quality. It possesses all the advantages of Golden Bantam.

Price, pkt. 25c.; 5 pkts. for \$1.00; postpaid; transportation paid.

16 Why Not Increase the Variety of the Vegetables You Grow

The Quality Vegetables of America Have Been Grown From Henderson's Tested Vegetable Seeds "Since 1847"

Everyone who is charged with the responsibility of providing food for others, whether it be a housewife, boarding-house keeper or hotel manager, should know all about vegetables and try new things every year. Vegetable foods are pleasant and abundant sources of the mineral salts necessary to the human system, and also of the all-important vitamins. Without these, the body will experience a lack of vitality.

There is an unbelievable wealth and variety of food to be found in the vegetable kingdom if one investigates its possibilities and is willing to try the new varieties offered by seedsmen from time to time. With that in mind, we recommend our friends to grow a greater number of vegetables than they have done hitherto, and if they study the pages of this catalogue they will find listed there many varieties of recent introduction, that they probably have not yet tried.

We recommend such vegetables as Broccoli, Sprouts, Celeriac, Kohl Rabi, Corn Salad, Dandelion, Swiss Chard, and new kinds of Squash, in addition to the ordinary run of vegetables.

If our friends will follow this advice and increase the number of the vegetables they grow, they will find it possible to put a much more tasty and desirable vegetable dinner on their tables; and dispel the idea fostered no doubt by partaking of vegetable dinners in restaurants, that such meals are bound to be tasteless.

In our country the campaign of vitamin education through health agencies and workers, newspapers and magazines, the public schools, health clinics, and other channels of information has been very effective, and to it, no doubt, is largely due the surprising increase in the acreage given over to growing vegetables, both for market and in private gardens.

There can be but little doubt that the increased healthfulness of our people is in large part due to the vast increase in the consumption of vegetable foods, and we are sure that the introduction of varieties little known to the American people, will be the means of still further augmenting that increase.

CULTURE.—*Asparagus may be grown in almost any soil or situation, but special success is attained in thoroughly enriched, deeply dug sandy loam. Beds cared for improve with age, lasting for many years. Asparagus may be grown from seed, but as it should not be cut before it is three or four years old, time is saved by buying and planting roots.*

ASPARAGUS

Henderson's Palmetto Asparagus Seed

The Earliest and Most Prolific

205 Henderson's Palmetto is the king of all Asparagus. It is superior in every way; large, early, a strong, quick grower, prolific and continuous yielder; the stalks, large and uniform under ordinary culture, average nearly an inch in diameter, retaining their thickness up to their plump tips. The usual bunches of 15 shoots measure 13 1/4 inches in circumference and weigh about 2 pounds. For quality Henderson's Palmetto is peerless, meltingly tender and full of delicious flavor. The Palmetto is equally adapted to all sections North and South; it is less susceptible to the Asparagus disease than any other variety and has continued to yield profitable crops in sections where plantations of other varieties have been entirely destroyed.

Henderson's Palmetto Asparagus Seed, pkt. 10c.; oz. 20c.; 1/4 lb. 60c.; lb. \$1.75. A saving of one to two years is effected by planting roots. Transportation paid.

Henderson's Palmetto Asparagus Roots

See description above

Prices	Per 100	Per 500	Per 1,000
Two-year-old roots.	\$2.25	\$10.00	\$18.00
Three-year-old roots.	3.50	16.00	30.00

(Buyer pays transportation charges according to zone rates.) 100 2-year old roots will weigh about 6 lbs. 100 3-year old roots will weigh about 20 lbs.

Giant Washington Asparagus Seed

The Largest Variety Grown. Early, Productive, Rustless

207 Some varieties of Asparagus seem to be afflicted with rust, but Giant Washington Asparagus—developed under the auspices of the United States Agricultural Department—is declared to be peculiarly immune from this disease. The shoots are of giant sizes, very vigorous, straight, and what is still more important, of extra good quality. Dark green tinged with purple. Undoubtedly a great acquisition.

Giant Washington Asparagus Seed, pkt. 20c.; oz. 50c.; 1/4 lb. \$1.50; lb. \$4.50; transportation paid.

Giant Washington Asparagus Roots

See description above

One to two years' time is saved by planting roots, which we can supply from November 1st to May 15th. One hundred roots will plant a plot 6 ft. x 50 ft. which is enough for an ordinary family. Can be supplied from Nov. 1st to May 15th.

(Buyer pays transportation charges according to zone rates.) 100 two-year old roots will weigh about 10 lbs. 100 three-year old roots will weigh about 20 lbs.

	Per 100	Per 500	Per 1,000
Two-year-old roots.	\$3.00	\$14.00	\$25.00
Three-year-old roots.	4.50	21.00	40.00

Artichoke Large Green Globe

201 The best strain of this favorite French delicacy. In the latitude of New York the Globe Artichoke is grown as a biennial, namely, the seed is sown one year, the plant develops during the growing season and is carried through the winter with a slight protection of leaves or straw. The following season the large globes or flower heads are produced. Price, pkt. 20c.; oz. 75c.; 1/4 lb. \$2.50; transportation paid.



"You say you give no warranty on your seeds, but I consider the name 'Henderson' on the package warranty enough. For more than fifty years I have planted Henderson's seeds and have had no cause for complaint." C. L. Watkins, Shinnston, West Va.



CULTURE.—Sow every two weeks from early May until September for succession crops in the latitude of New York. Further south, sow earlier; further north, later. Plant two inches deep in drills two to two and one-half feet apart. Plant seeds two inches apart, thin out plants to stand four inches apart. They commence bearing in six to eight weeks. 1 qt. to 100 feet of drill.

GREEN-PODDED **BUSH BEANS**

The Three Best Stringless Bush Beans

Henderson's Famous Bountiful

A Flat, Green-Podded Variety—A Prolific and Continuous Bearer

1 Introduced by us thirty years ago, this superior stringless bush bean is in greater demand to-day than any other variety in cultivation. The plant is very vigorous, almost immune from disease, hardy, early and prolific. It bears rich green pods, of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, meltingly tender and having a delicious flavor exclusively their own. The pods are stringless and entirely free from any tough, membranous lining when young, and this tender "snap brittle" quality is retained even into maturity. (See illustration.) Price, pkt. 15c.; pt. 50c.; qt. 90c.; 4 qts. \$3.50; peck \$6.50; transportation paid.



HENDERSON'S Tendergreen

Bears a Profusion of
Exquisitely Tender Green
Pods—Absolutely Stringless,
very Prolific

28 In 1922 we first offered **Tendergreen** and it also was received with great appreciation. It is entirely different in origin from its predecessor, but is just as free from "string."

Tendergreen is a product of our own trial grounds, grown, hybridized and selected under our own eyes. We take great pleasure in offering it to our customers so that they may "know the joy of eating beans without strings." We have accumulated stock enough to offer it this year in packets, pints, quarts and 4 qts., but orders must be sent in early, as they will be filled in the order they arrive. We advise early orders, as stock is limited. Price, pkt. 15c.; 2 pkts. 25c.; pt. 70c.; qt. \$1.25; 4 qts. \$4.50; transportation paid. (See illustration.)

The "Henderson" New Stringless

A Really Stringless, Round, Green-Podded Bean,
Tender and Meaty, Rust-Resisting

22 This stringless bush bean, introduced by us in 1920, has been received with great appreciation by our customers who grew it. Letters of praise are reaching us from all parts of the country.

The "**Henderson**" **New Stringless Bush Bean** is absolutely stringless from the first to the last picking, and is quite free from rust. The vine is upright, strong and healthy; about one and a half to two feet in height, and bears a heavy crop of meaty, tender pods six to seven inches in length, in about seven weeks from sowing the seed. The quality and flavor of the pods are unexcelled, and even when canned they retain their color and flavor just as if freshly picked from the vine. We recommend it to our customers, knowing that it will give great satisfaction. (See illustration.)

Price, pkt. 15c.; pt. 80c.; qt. \$1.50; 4 qts. \$5.50; transportation paid.



You can best enjoy the inherent goodness of fresh, tender and tempting vegetables by growing them in your garden.



Henderson's Full Measure

15 Full Measure is the result of a cross between our old favorites Yosemite Mammoth Wax and Refugees 1,000 to 1. It possesses the best qualities of both parents. The pods are 5 inches long, round podded, firm and stringless. Being very meaty, they remain fit for use many days after maturity. Price, pkt. 15c; pt. 55c; qt. \$1.00; 4 qts. \$3.50; peck \$6.50.

Burpee's Stringless Green Pod

9 The plants are medium large of somewhat spreading growth with dark green foliage. The pods are medium in length somewhat curved and very thick and meaty. Hardy and productive. Price, pkt. 10c; pt. 45c; qt. 85c; 4 qts. \$3.00; peck \$5.50; transportation paid.



Price, pkt. 10c; pt. 45c; qt. 85c; 4 qts. \$3.00; peck \$5.50; transportation paid.

Longfellow

Extra Early, Fine Quality, and of Delicious Flavor

19 An ideal Snap Bean, producing a fine crop of round, straight, solid, fleshy pods averaging 6½ inches long, wonderfully tender and brittle, without a trace of tough interlining, and having no string when broken, excepting when the pods are quite old. The flavor is most delicious, while the delicate green color of the pods is retained after cooking, adding to its attractiveness when served. The plants are of robust, compact habit, unexcelled in bearing qualities, maturing the crop very regularly. It is extra early, the pods being fit to pick four days before other varieties of approximate size. (See Illustration.) Price, pkt. 10c; pt. 45c; qt. 85c; 4 qts. \$3.00; peck \$5.50; transportation paid.



Green-Podded **BUSH BEANS**

Henderson's Earliest Red Valentine

Full, Round, Meaty Pod. Remains Long Fit for Use.

16 This grand variety is a great improvement over the original Red Valentine, as it is very much earlier, and remains fit for use for a long time. The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods, rich green in color and of unsurpassed tenderness when gathered young, when it is practically stringless. (See Illustration.) Price, pkt. 10c; pt. 45c; qt. 85c; 4 qts. \$3.00; peck \$5.50; transportation paid.

Henderson's Black Valentine

The Best Bush Bean for Late Planting

4 Possesses all the merits of our old favorite Red Valentine, and the pod is fully one-third longer, straight and tender, and of a beautiful soft green color. In a test of the Extra Early Refugee, Henderson's Earliest Red Valentine and Black Valentine conducted in the fall, we found that the Black Valentine was fully as useful as Extra Early Refugee, being equally as hardy in every respect as the Refugee, while the beans were produced in enormous quantities. For the purpose, or at any time of the year, this bean will be found exceedingly valuable to all classes of growers. (See Illustration.) Price, pkt. 10c; pt. 40c; qt. 75c; 4 qts. \$2.50; 1 peck \$4.75; transportation paid.

"I claim the Black Valentine Bean to be the Champion of all the dwarf green podded snapbeans, for I have tested all the good varieties, and the Black Valentine is the best one for early planting."

S.E. THURTON
New Canaan,
Conn.





Green-Podded **BUSH BEANS**

King of the Earlies

17 A very desirable handsome appearing variety with long regular round pods of light delicate green. One of the earliest bush beans to come to maturity. (See illustration.) Price, pkt. 10c.; pt. 40c.; qt. 70c.; 4 qts. \$2.25; peck \$4.25; transportation paid.

HENDERSON'S Extra Early Refugees

13 This variety is a decided improvement on the old Refugee or 1,000 to 1, as it is fully two weeks earlier. It has all the good qualities of the old Refugee, being wonderfully productive. The pods are of good form, very fleshy, free from string and very tender. Almost certain to produce a crop even in unfavorable seasons. Should be in every garden. (See illustration.) Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Refugee or 1000 to 1

Very Prolific. Popular for Pickling

25 The extremely productive nature of this bean accounts for its extensive cultivation for canning and pickling purposes. Many thousands of bushels are grown annually to supply the demand for the popular German schnitzel beans. The plants grow about 15 inches high. The pods are light green in color, long and slim but slight string. An ideal fall cropping variety. (See illustration.) Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Dwarf Horticultural Bean

10 A green-podded bush variety of the climbing Horticultural. The pods average five inches long and are stout and flat. Used either as snap beans or for shelling green. Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Masterpeice (Stringless)

A Standard Forcing Bush Bean

20 This is a splendid forcing variety and is now in great demand; free from string and very tender when cooked. The plants are robust, very prolific, and can be grown outside just as easily as any other bush bean. Price, pkt. 25c.; pt. 80c.; qt. \$1.50; 4 qts. \$5.00; transportation paid.

Boston Small Pea Bean

7 One of the oldest beans in cultivation, also commonly known as the Navy Bean and Marrowfat Pea Bean. This the popular baking bean makes a vigorous growth 14 to 18 inches in height and bears its small pods, which, usually contain six small seeds, in great profusion. Price, pkt. 10c.; pt. 30c.; qt. 55c.; 4 qts. \$1.75; peck \$3.25; transportation paid.

White Marrow Bean

31 A very popular shell bean. The plants are vigorous and productive. The pods range from 5 to 6 inches in length and produce from five to seven seeds, ivory white in color. Price, pkt. 10c.; pt. 30c.; qt. 55c.; 4 qts. \$1.75; peck \$3.25; transportation paid.

Henderson's Succession Collection of Dwarf Green and Wax Bush Beans

34 These collections are made up of standard varieties, and are selected to give a continuous supply of garden beans throughout the season. Plantings of all the varieties may be made at one time and they will mature in succession.

Black Valentine. Green. Plant for early.

Red Valentine. Green. Plant for medium early.

Unrivalled Wax. Plant for early.

Wardwell's Kidney Wax. Plant for medium early.

Price, 4 sorts, pkt. each 40c.; pt. each \$1.60; qt. each \$3.00. Delivered transportation paid in the United States.



Bush Beans are Essentially an American Specialty



Wardwell's Kidney Wax

59 One of the best large podded wax beans. Very robust and hardy, producing heavy crops of broad, flat waxen pods, not liable to rust. Price, pkt. 10c.; pt. 50c.; qt. 85c.; 4 qts. \$3.25; peck, \$6.00; transportation paid.

"Your Golden Age Wax Beans proved to be the best wax beans I have ever tried."

FREDERICK E. WARD,
Cataumet, Mass.

"I had wonderful success with your Unrivalled Wax Beans No. 56. I planted one quart and pickled 74 lbs. of Beans. These were the finest I have ever seen," A. B. DEVERELL,
Orlando, Fla.

"I got A-1 results from your seeds last year, especially the Unrivalled Wax Bush Bean. They were admired by everyone that saw them."

M. C. FREUND,
Mt. Vernon, N. Y.

BUSH BEANS WAX PODDED

CULTURE.—Sow every two weeks from early May until September to supply a succession in the latitude of New York. Further south, sow earlier; further north, later. Plant 2 inches deep in drills 2 to 2 ½ feet apart. The seeds should be dropped about 2 inches apart and the plants thinned out to stand about 4 inches apart in the row. They commence bearing in six to eight weeks, according to the variety. 1 qt. to 100 feet of drill.

Henderson's Golden Age

A Triumph of Horticultural Art. Introduced by us in 1922. The Best Stringless Wax Bean Extant

44 We have named this supreme product of the horticultural art "Golden Age," because we believe its advent means that the hybridizing—and breeding of this important vegetable—the Bush Bean—has now advanced so far on the road to perfection that it may take rank, even if in a lesser degree, with modern achievements in other branches of human endeavor. String beans are detrimental both to the temper and the digestion, and dieticians the world over will welcome the advent of "Golden Age" Bean, the best stringless wax bean ever introduced.

Besides being absolutely stringless "Golden Age" Bean is remarkable for its rust-resisting and disease-resisting qualities. The plants are vigorous in growth, and bear heavy crops of transparent, tender, golden waxy pods, delightful to the eye, and ready to pick in 45 days from the planting of the seed. (See illustration.)

Price, pkt. 15c.; 2 pkts. 25c.; pt. 80c.; qt. \$1.50; 4 qts. \$5.50; transportation paid.

Unrivalled Wax

The Earliest Wax Podded Variety Grown. (Pods very attractive)

56 It is above all else the earliest Wax Bean within our knowledge. We have found it two days earlier than any other in our trials, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight. (See illustration.) Price, pkt. 15c.; pt. 50c.; qt. 90c.; 4 qts. \$3.25; peck \$6.00; transportation paid.

Sure Crop Stringless Wax

Clear Amber Yellow Stringless Pods

55 This variety is well adapted for market garden purposes because of its vigorous growth, productiveness and hardiness. Pods are rich yellow, 6 to 7 inches long, entirely stringless at all stages of development. Price, pkt. 10c.; pt. 50c.; qt. 95c.; 4 qts. \$3.25; peck \$6.00; transportation paid.

Henderson's Improved Black Wax

35 One of the oldest varieties grown, which by constant selection has been so greatly improved that it compares favorably in every respect with many of the newer sorts. Black Wax is very early, enormously productive and of fine quality, and one of the most reliable sorts. Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Hodson Long Pod Wax

Enormous Yielder. Never Affected by Rust or Blight

50 The strong, sturdy plants often attain dimensions 2 ½ feet in height, and bear great quantities of long, meaty pods, measuring 7 to 8 inches in length and of a waxy cream-yellow color. The ample foliage sheltering the pods from the hot sun renders them exceptionally tender, brittle, and if picked before too old they are stringless, free from fibre and of fine table quality.

This variety is remarkably free from bean diseases. Not a trace of rust, blight or mildew has ever appeared on a plant or pod in our trial grounds or fields during the years we have been growing it. Price, pkt. 10c.; pt. 50c.; qt. 95c.; 4 qts. \$3.25; peck \$6.00; transportation paid.



CULTURE OF POLE BEANS.—These are planted about the middle of May, in hills from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep. Rough cedar or similar poles seven to eight feet long should be used for Pole Beans to climb on. One quart to 150 hills, 10 to 16 quarts to the acre in hills.

POLE BEANS

Old Homestead or Kentucky Wonder

Green-Podded Snap Pole Bean. A Marvel of Productiveness from July until 96 Frost. This best and most popular green-podded snap Pole Bean is a marvel of continued productiveness and is ten days earlier than any other green-podded Pole Bean. First pickings may be made in the latitude of New York early in July, and if gathered as they become ready for "snaps," the vine will continue to produce in abundance until frost.

The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; they are very large, 6 to 8 inches in length, stringless, plump, meltingly tender and of superb flavor when cooked. Used as a shelled Bean; excellent in that form. (See illustration). Price, pkt., 10c.; pt., 45c.; qt., 85c.; 4 quarts, \$3.00; transportation paid.

92 Early Golden Cluster Wax.

Large clusters of pods 6 to 8 inches long, and of delicious flavor. Price, pkt., 15c.; pt., 45c.; qt., 85c.; 4 qts.; \$3.00; transportation paid.

94 Horticultural or Speckled Cranberry.

An old and popular sort, used as green podded "snap" bean or cooked when shelled. Price, pkt., 15c.; pt., 45c.; qt., 85c.; 4 qts., \$3.00; transportation paid.

98 Scarlet Runner.

A 10-foot ornamental vine for shade with dazzling scarlet flowers. Pick pods when half grown for use as "snap." Price, pkt., 15c.; pt., 45c.; qt., 85c.; 4 qts., \$3.00; transportation paid.

100 White Creaseback.

One of the finest early pole beans. Bears clusters of fleshy green pods 5 to 6 inches long, deeply creased. Price, pkt., 15c.; pt., 45c.; qt., 85c.; 4 qts., \$3.00; transportation paid.

93 New Giant Wax 25c pkt.; 3 pkts. 60c.; pint \$1.00. Novelty for 1931. (See page 34.)



BEANS—POLE LIMA

POLE LIMA BEANS are grown in hills three feet apart in rows four feet apart, but being very tender, the seeds should not be planted until the ground has warmed up, about two weeks later than other beans, or in the latter part of May around New York.

Henderson's Leviathan THE EARLIEST POLE LIMA BEAN GROWN

85 Many growers prefer the pole varieties of Lima. These are, as a class, later than the bush sorts, and consequently in some localities there is a difficulty in maturing the crop. In Northern States, or where, by reason of continued cool night, the growth is less rapid, Leviathan will be found admirably adapted.

The plant is strong and takes to the poles more readily than any other sort. It is fully a week earlier than any other pole variety, therefore can be grown successfully where other sorts would be caught by frosts of early autumn. It is a prodigious cropper, producing its pods in large clusters frequently from 5 to 10 together. These are well filled with large, fleshy Beans, delicate, pale green in color, and possessing in a superlative degree that rich, buttery flavor. (See illustration.) Price, pkt., 15c.; pt., 45c.; qt., 85c.; 4 qts., \$3.00; peck, \$5.50; transportation paid.

Henderson's Ideal THE BEST MAIN CROP POLE LIMA GROWN

Enormously Prolific—Of Gigantic Size—Tenderness and Flavor Superb

90 This is another sterling variety of our own introduction. The vine does not differ materially from that of the ordinary pole varieties. Its chief distinction lies in the size of the pods, which hang in wonderful profusion on the vines. The average yield is greater than in any other variety. Though a little later than our early Leviathan, it is just as early as the ordinary pole varieties, and continues to produce enormous crops up to frost. Price, pkt., 15c.; pt., 45c.; qt., 85c.; 4 qts., \$3.00; peck, \$5.50; transportation paid.

82 Dreer's Improved Pole, Lima. A thick, almost round, bean of fine quality. Price, pkt., 10c.; pt., 40c.; qt., 75c.; 4 qts., \$2.50; peck, \$4.75; transportation paid.

88 Large White Pole Lima. The old favorite for family use. Price, pkt., 10c.; pt., 40c.; qt., 75c.; 4 qts., \$2.50; peck \$4.75; transportation paid.

Lima beans should not be planted until the ground is warm and danger from frost is over. Grow plenty of beans; they have almost as much nutritive value as beef.

Eat Henderson's Meltingly Delicious Bush Limas

BUSH LIMA BEANS

1 pint to 100 ft. of drill; 1 bushel per acre in rows

of May around New York. The rows should be two and one-half feet apart, the seed sown edgewise in the drills six to twelve inches apart in the rows and covered one inch and the plants thinned about six inches apart. They commence bearing in from twelve to fifteen weeks according to the earliness of the variety. Do not brush against bean foliage when wet

CULTURE—These dwarf or bush forms of pole limas come into bearing much earlier and do not require poles or other support to climb on; and they continue in bearing for weeks. Being more tender than Dwarf Snap Beans the seed cannot be sown as early. Sow about the middle to latter part



The "Improved Henderson"

Yields Continuously from Early Summer to Frost
—Suitable for all Sections North and South

78 The original Bush Lima Bean, the "Henderson," was defective in size, and though because of its extreme earliness, thousands of our customers were enabled to grow Lima Beans where none had grown before, the defect remained until the introduction of the Improved "Henderson," which is at least 50 per cent. larger than the original. Though a day or two later, it is still ten days earlier than other bush forms, and weeks earlier than any of the pole varieties, yet retaining all the remarkable qualities of its predecessor, which was, without doubt, the most remarkable vegetable novelty of the last century.

It grows as freely and is just as dependable in the North as in the South; in fact, it is suitable for all sections. The quality is excellent, possessing the rich buttery flavor common to all Limas. (See illustration.) Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

"I appreciate your Bush Lima Beans very much. They are the best in the world. I have tried all others but will plant only Henderson's for the future."—J. P. LINDSLEY, Newburgh, N. Y.



Henderson's New Early Giant

True Bush, Enormous Pods and Beans

69 This variety is the best possible Bush Lima Bean, possessing every quality so long known and esteemed in the older pole varieties, and can be grown as easily as any Snap Bean. It is the earliest of the large bush sorts, and may therefore be had on the table weeks ahead of the old pole varieties.

The strong, rugged plants of true bush form, 1 1/2 feet in height, are of healthy, sturdy upright growth, requiring neither poles nor stakes—and bear from July until frost, almost unbelievable quantities of 5- to 6-inch pods, each containing usually four large, thick beans averaging as large as those of the large pole Limas, and whether used green or cured, they are of superb quality—tender, rich and buttery, the true Lima flavor.

In the green state their tender freshness is maintained beyond the ordinary, accounted for by the pods being unusually fleshy and thick and the foliage luxuriant and sheltering. Other merits of this phenomenal Bush Lima are earliness, abundance and continuity of yield.

First pickings fit for the table may be taken in the latitude of New York in July, and from that time until killed by frost a continuous supply of this most delicious of beans may be gathered. (See illustration.)

Price, pkt. 15c.; 2 pkts. for 25c.; pt. 55c.; qt. \$1.00; 4 qts. \$3.75; peck \$7.00; transportation paid.

THE ORIGINAL "BABY" LIMA BEAN

"Henderson" Bush Lima

75 This wonderful innovation created a greater furore than any of the famous vegetables we have introduced, with the exception of the Ponderosa Tomato. Those who never had a vegetable garden before were induced to plant the Henderson Bush Lima Bean because it enabled them to have the most delicious of all vegetables without the trouble or expense of the unsightly poles.

Henderson's Bush Lima grows without the aid of stakes or poles in compact bush form about 18 inches high, and produces enormous crops of delicious Lima Beans, which can be gathered as easily as the common garden bush beans. Henderson's Bush Lima is at least **two weeks earlier** than any of the climbing Limas.

It produces a **continuous** crop from the time it comes into bearing (it is fit for the table in the latitude of New York middle of July) until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable through the season. The Beans are the size of the Sieva or small Lima, and of delicious quality. Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

81. Special Offer. 1 pkt. each of the 5 Bush Limas offered on this and following page delivered transportation paid in the U.S., for 50 cents.

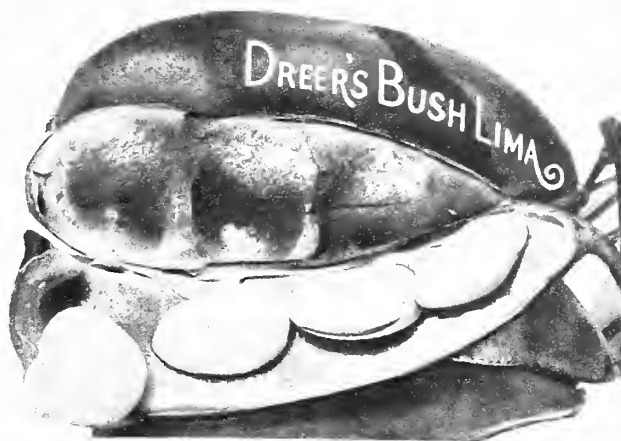
Bush Lima Beans—Continued

Fordhook Bush Lima

72 A stiffly erect Bush form of the "Potato" Lima Bean bearing well above the ground, and branching freely, but with all the branches held strongly upright. Fordhook Bush Lima Bean has foliage like that of the large pole Limas. The pods, borne in "clusters" of from four to eight, are of a medium green color, of a good size, containing three to five large beans of very good quality. The green beans, even when of full size, are tender, juicy and sweet in flavor when cooked. Price, pkt. 15c.; pt. 55c.; qt. \$1.00; 4 qts. \$3.75; peck \$7.00; transportation paid.

Dreer's Bush Lima

66 This variety of Bush Lima Bean is desirable on account of earliness, productiveness, and its fixed habit of growing in the dwarf or bush form. It is a bush form of Dreer's Pole Lima Bean. The beans are oval in shape and thick, sweet and succulent. (See illustration.) Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.



81 Special Offer. 1 pkt. each of the 5 Bush Limas offered on pages 22 and 23, delivered transportation paid in U.S., for 50 cents.

Henderson's Riviera Broccoli

Introduced by Peter Henderson & Co. in 1928

The Improved Italian Green Sprouting Type, The Vegetable Par Excellence, —Succulent and Tender. Combining the Marrow Flavor of Cauliflower with the Delectable Succulence of Asparagus

241 This new and delicious vegetable first came into prominence as a result of the eager demand for it by the guests of the fashionable hotels at Europe's greatest playground, the "Riviera," on the banks of the sun-kissed Mediterranean, hence its name.

To supply this demand, which is growing by leaps and bounds in this country, we have imported the finest Italian strains and have developed there from **Henderson's Riviera**, which is unquestionably the best for our climate.

An important place is destined for this succulent vegetable in the diet of the American people, not only for its tender, delicious, and savory flavor, but also for its healthful and obesity-reducing qualities, and lastly for its extreme ease of culture.

The plant grows about two feet high, is branching in character, and each branch terminates in a green sprout. When the green sprouts, which are actually a mass of flower buds, have developed to two or three inches across (and before the flowers appear) they are ready for use.

It thrives anywhere. For an early crop, start the seed in a cold frame and transplant seedlings in the open ground when danger from frost is passed.

For late crop, start seed in the open ground during the early Summer months. It is cooked and served like Cauliflower. (See illustration.) Price, pkt. 20c.; ½ oz. \$1.25; 1 oz. \$2.00; transportation paid.



Dietary experts attribute remarkable fat-reducing qualities to Broccoli, which is one of the outstanding reasons for its rapid rise to favor.

Eat Vegetables When They Are Young



**OVAL
GEM**

1 oz. to 50 feet of drill; 5 lbs. to the acre in drills.

CULTURE.—The best soil for Beets is light, and enriched the year before with well-rotted manure. For early, sow in spring, as soon as the ground is fit to work in drills about one foot apart and one inch deep. For main crop sow the first week in May, and for winter use, sow in June or July. These dates are for the latitude of New York. South, sow earlier; north, later. When the seedlings have attained three or four leaves, thin out to four inches apart.

BEETS

Henderson's New Beet Oval Gem

231 **Oval Gem** is distinct in appearance from other varieties. It is oval in shape, slightly receding toward the base; it is extremely smooth and uniform, medium in size—just the right size for the home garden as well as for making an attractive bunch for marketing. The foliage is small, bronzy green in color. The beets are dark red, slightly ringed; when cooked (which by the way requires less time than the ordinary sorts), the rings disappear, turning the entire beet to the color of a glowing ruby. When sliced or squared, the pieces have a certain translucent appearance which bespeak a melting tenderness and an entire absence of fibre. It possesses a delightful sweet flavor, which does not cloy, but on the contrary is enticing to the palate. (See illustration.) Price, pkt. 20c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50; transportation paid.

"I planted one packet of New Oval Gem Beet early in the spring and on July 20 I canned two pint jars and had a fine mess for dinner. They are the nicest to can or eat we ever planted."—MRS. ROY C. PACKARD, Woodford's, Me.

Extra Early Egyptian

226 An exceedingly early variety and considered by many to be the best of the early garden beets. When sown in the open ground in favorable weather, the roots may be pulled for table use in June, at which time they are as big as a small apple, and their flavor is at its best. The root grows almost entirely out of the ground, to which it is held by a slender tap-root. The skin is very smooth; violet-red in color; flesh of a dark blood color. Every garden should contain a few rows of this first early beet. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Our booklet "Garden Culture of Root Crops" is forwarded free on request. It describes the culture of Beets and all other root crops.

Henderson's Electric

Extra Early—An Ideal Table Beet
—Rich Red Flesh

224 This is the best extra early variety grown. The quality is excellent, tender, sweet, and quite free from tough fibre. The color is most attractive, and its quick-growing habit makes it particularly desirable for the private garden. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.



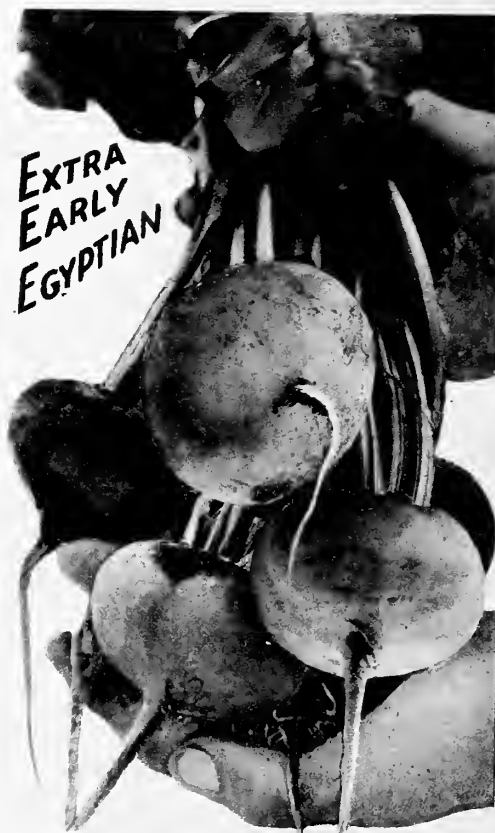
A Bunch of Electric Beets
Grown by a Customer

Early Model

218 This splendid variety is of English origin and is perfect for table use. It is medium early, coming in between Extra Early Electric and Crimson Globe. The roots are of good size, slightly oval, and in quality and color it is peerless; very fine-grained, tender and sweet, never woody or stringy. Color of both skin and flesh deep, rich crimson, equalling that of the best long beets. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Henderson's Crimson Globe

210 This variety is popular among gardeners in all sections of the country. It is of medium size, generally about 3 inches in diameter, very handsome in shape, a little deeper than round, with a smooth, even surface. The flesh is deep crimson, ringed and zoned in varying shades. It is exquisitely tender, and delicious in flavor. Though it grows quickly enough for very early use, it will remain tender for a very long period. A grand second early and main crop variety. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.



The name of PETER HENDERSON is a household word wherever flowers and vegetables are grown and gardens planted.—
Kansas City Star.



Henderson's Early Blood Turnip

- 216** This is a great improvement upon the old variety. Early Blood Turnip Beet. It is a great favorite with many gardeners and is very attractive in appearance, the roots being smooth and uniform, and the color deep blood red. The flesh is tender and sweet, and it is an excellent variety for canning. This variety should be sown for a late crop on account of its quickness in maturing. For winter storage it is unexcelled. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Crosby's Egyptian Henderson's Selected Strain

- 212** The largest of the very early sorts. It is very quick to attain size. The shape is a little flat, but very uniform. The tops are small, and the whole plant grows easily and quickly. The flesh is somewhat lighter in color than usual, but it is very attractive. It is an excellent variety for early use. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Detroit Dark Red

- 214** Probably the best of the larger sorts. It succeeds equally well at all seasons, and is one of the best to sow in early spring, to succeed the extra early and medium crop sorts. It may be sown about August 1st (in the vicinity of New York) for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Long, Smooth, Blood Red

- 230** An excellent late variety, a great improvement on the common Long Blood Beet. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Succession Collection of BEETS

- 239** Extra Early Egyptian, for first crop. See page 22.
Early Blood Turnip, mid-season. See page 23.
Detroit Dark Red, late. See page 23. Price Collection of 3 pkts. 25c.; 1 oz. each 50c.; transportation paid.

Early Wonder

- 219** This beet, which is a selection from Crosby's Egyptian, keeps remarkably well, and is suitable for either spring or fall sowing. Early Wonder matures two weeks earlier than any other marketable beet, and one of its good points is that entire fields can be harvested at one time because all the roots mature at the same time. The roots are globe-shaped and uniform in size, the tops are small; the skin is deep red and the flesh a very dark red with little zoning. This variety is now in great demand and we advise early orders. (See illustration.) Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.50; transportation paid.

Edmand's Blood Red

- 222** A handsome, uniform, round, Turnip-shaped Beet, very smooth and of good size; tops small, flesh red and of excellent quality, fine for late. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Henderson's Half Long

- 228** A Blood Beet of superior quality; tender, sweet and free from woody fiber; for slicing it is unequalled; flesh vivid rich red. The roots, about 3 inches in diameter, are pear-shaped with slender tap roots. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

Eclipse

- 220** Exceedingly popular, and one of the best early varieties; of uniform globular shape; flesh bright, glossy red, fine-grained, and unusually tender and sweet. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

For Sugar Beet and Mangel Wurzel, see Farm Seed Department page 81.

In 1927 my Flower-garden grown from your seeds paid my way to California. The Sweet Peas were especially good. MRS. M. POMERHAM Waterville, Me.



Eat Cabbage, It Is Rich In Vitamins A, B and C

Long Island Brussels Sprouts

- 242** This is a fine strain of Sprouts grown extensively for the New York market, where they bring a good price, especially during the winter. The plants produce a large crop. We offer a special dwarf selection. (See illustration.)

Price, pkt. 25c.; 5 pkts. \$1.00; oz. \$2.00; transportation paid.

Henderson's Dalkeith Brussels Sprouts

- 245** A very excellent selection of this estimable vegetable, far too little known to American gardeners. Sown in June in the latitude of New York, it produces an abundant crop of Sprouts—solid, succulent and delicious—in the fall and early winter. It is hardier than Cabbage, just as easily grown, and available long after all other green vegetables are gone. Price, pkt. 15c.; oz. 50c.; ¼ lb. \$1.75; transportation paid.

CABBAGE

CULTURE.—For earliest crop start seed in hotbed in February, cover seed one-half inch. Trans-

plant in April, eighteen inches apart in rows and two feet between rows. For late crop start seeds in May or June outdoors in good rich soil and transplant in July.

Brussels Sprouts

Cultural directions are given in Cabbage Leaflet, sent free if asked for when ordering.



Henderson's Earlykrop

Introduced by Peter Henderson & Co. 1925

- 259** The earliest round-headed Cabbage on the market. It finishes with the Earliest Wakefield type; but unlike that type, it remains in perfect condition on the field for a long time without bursting or bolting to seed. This is a very desirable quality for the home gardener who wants his crop to extend over a long period of time.

The quality of this cabbage is all that can be desired. It is very tender and delicately flavored; and when sliced raw it possesses a delightful brittleness, making it most desirable for salads, slaws and the like. (See illustration.)

Price, pkt. 20c.; 3 pkts. 50c.; oz. \$1.00; ¼ lb. \$3.50; transportation paid.

Henderson's Firstkrop Marrow

The First Cabbage to Mature in the Spring

- 267** This variety will fill a place hitherto vacant, and enable lovers of cabbage to enjoy earlier in the season than ever before, fresh, green, tender, solid heads of their favorite vegetable. Henderson's "Firstkrop" Marrow Cabbage is of superb quality and has that distinct flavor known as "Marrow," difficult to describe, but appreciated by all who have eaten marrow cabbages. (Illustrated below.)

Price, pkt. 10c.; oz. 75c.; ¼ lb. \$2.00; transportation paid.

Henderson's Original Early Jersey Wakefield

The Best First-Early Pointed-Head Cabbage

Introduced by Peter Henderson & Co. in 1868

- 260** The heads are pyramidal in shape, having a blunted or rounded peak. It is beyond question the best variety for spring and early summer in the private garden. Its first appearance brings a welcome change from the hard-headed winter sorts, for Early Jersey Wakefield is attractive in appearance and essentially good in quality.

Price, pkt. 10c.; oz. 75c.; ¼ lb. \$2.00; ½ lb. \$6.50; transportation paid.

Henderson's Charleston Wakefield

The Best Second-Early Pointed-Head Cabbage

Introduced by Peter Henderson & Co. in 1892

- 254** The pointed-head Cabbages are preferable to the larger flat kinds. When used fresh from the garden they are of excellent quality, quite free from the coarse rankness so commonly associated with Cabbage. Henderson's Charleston Wakefield is larger, but fully equal in quality to any of its class and admirably suited to succeed the very early sorts.

Price, pkt. 10c.; oz. 75c.; ¼ lb. \$2.00; ½ lb. \$6.50; transportation paid.

Glory of Enkhuizen

- 265** An excellent variety for private gardens and also for Market gardens because of its sure heading quality. It is of the Copenhagen type but the heads are much larger and very solid. It is a very hardy sort.

Price, pkt. 10c.; oz. 75c.; ¼ lb. \$2.00; ½ lb. \$6.50.



Don't forget some re-cleaned grass seed for your lawn. See page 12 for the "Henderson" Lawn Grass Seed. Order early and avoid disappointment in the Spring.

Henderson's Early Spring

A Round, Flat-Headed, Extra-Early Variety
Introduced by Peter Henderson Co. in 1897

264 The great value of Henderson's Early Spring lies in its being a **First Early Flat Cabbage**, a type much preferred over pointed heads by many people. It has a short stem and only four to five outside leaves, and these so small that it may be planted twenty-one inches apart. It is a sure, solid header, always producing a crop of large, uniform heads which seldom burst. There is no Cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest Cabbage, though small, can be obtained long before it has attained its mature size. Quality unequalled. Price, pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00; transportation paid.

Henderson's Early Market

A Splendid Round-Head Cabbage. Only a Few Days Later Than Early Jersey Wakefield

Introduced by Peter Henderson & Co. in 1912

262 This Danish production is highly praised by all who have grown it. Every row and every head in the row look as nearly alike as if all had been turned out of a mold. The plant is small, with short stem, and few outer leaves. These have the excellent habit of curving inward, thus providing protection to the head, and so effectually economizing space that it may be planted twenty-one inches apart.

For home use its remarkably fine quality and tenderness will be greatly appreciated. There is an entire absence of coarse veins and leaves, and it has the quality peculiar to some of the best sorts, of hardening the head before it has attained its full size. (See illustration.) Price, pkt. 15c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00; transportation paid.

Golden Acre

New, Early Round-headed Cabbage. One of the finest Cabbages Grown. Eight to Ten Days Earlier than Early Market.

269 Golden Acre Cabbage is a new early round-headed variety resembling Early Market in shape and type, but is smaller and can be planted closer. It is also, as stated above, eight to ten days earlier than that well known variety. In addition it can be truthfully said that it will remain on the field for a long time without bursting or bolting to seed. Price, pkt. 20c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50; transportation paid.

Henderson's Early Summer

A Splendid Second-Early Cabbage

266 Introduced by us years ago; it is widely known and largely grown. As an ideal second-early Cabbage it continues to hold its place. It forms large, flat, round, solid heads, weighing usually 8 to 10 lbs. each. The quality is excellent, tender and sweet. It comes in about ten days later than Early Jersey Wakefield, but is more than double in weight. Henderson's Early Summer will be found a far better sort than when we originally offered it, owing to continuous and careful selection. Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00; lb. \$7.00; transportation paid.

Henderson's Succession

The Most Celebrated Second-Early Variety in Cultivation

Introduced by Peter Henderson Co. in 1888

274 **Henderson's Succession Cabbage** we consider one of our most valuable contributions to horticulture. It stands today unrivaled as a second-early or main crop sort, and few vegetables have held their place in public esteem for so many years. The heads become solid long before they are fully grown, so that heads of satisfactory size may be cut long before it is at its best. This habit, combined with its ability to stand well without splitting, makes it available for use over a longer season than any variety we know, and the best to use where only one sort is grown.

Without doubt it is the best second-early Cabbage in existence, and is so finely bred, so free from coarse veining of the leaves, that, in addition to its reliability and sure cropping quality, it possesses all the fine qualities of the very best earlier varieties. Succession Cabbage is much sought after, and much seed is offered as "Succession" which is spurious. True stock can only be obtained direct from us. (See illustration.)

Price, pkt. 15c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00; transportation paid.

"Too much cannot be said about Henderson's Early Market Cabbage. It surely is fine. I never had such nice cabbage as I had last year and it surely keeps good."

S. H. STONER,
Fayetteville, Pa.



"Henderson's Succession is the finest Cabbage on earth. I had them all winter, in fact up to April 15th stored in cold cellar."

W. L. EVERIT, Jr., Wellsville, N. Y.

However Prepared Cabbage Is a Nutritious Food

Henderson's Autumn King

Enormous Solid Heads—Often 20 to 30 lbs. Each

252 This peerless variety we introduced, and we say without hesitation that it is **the finest late Cabbage** in this country today, entirely distinct, and the best keeper; it produces enormous solid heads of that desirable sea-green shade.

It has such small outer leaves that it **can be planted closer than the ordinary late sorts**, and it can be relied upon to produce a greater weight of crop per acre than any other variety, from the fact that it produces very few outer leaves and goes all to head.

A distinct feature of the Autumn King is the peculiarly crimped leaves, which not only add to its appearance, but enable it to be distinguished anywhere.

There is no late-keeping variety which maintains its fresh character so long after it has matured. This quality has made it known as "the sweetest Cabbage ever eaten."

Price, pkt. 15c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00; transportation paid.

Henderson's Selected Late Flat Dutch

**Large, Round, Solid Heads—
an Excellent Keeper**

268 Our improved highly bred strain of this old favorite Cabbage will be found very superior. It produces very large, round, flat-topped heads, very uniform, is firm and hard, a reliable header even under unfavorable conditions, and is esteemed one of the best late fall and winter Cabbages.

It is a good keeper and shipper, its attractive appearance and fine quality make it one of the best sellers. (See illustration.) Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00; transportation paid.



Henderson's New Cabbage Perfection Savoy

271 Perfection, both in appearance and quality. Henderson's Perfection Savoy is entirely distinct from any other variety grown. It develops into a neat, compact plant which permits closer planting than other cabbages. The head is medium in size, and the leaves are so distinctly and deeply crumpled as to give it almost a mossy appearance, making it thereby highly ornamental.

In quality it is said by experts, to supersede all others. Its flavor is sweet and delicious, and it is positively the tenderest cabbage in existence.

Price, pkt. 20c.; 3 pkts. 50c.; oz. \$1.50; transportation paid.

American Drumhead Savoy

250 The Savoy Cabbages differ from all other in the peculiar crumpled character of the leaves.

Although excellent at any season of its growth, the Savoy Cabbage is never at its best until touched by frost. It is sweet and delicious. (See illustration.) Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00; lb. \$7.00; transportation paid.

Henderson's Superior Strain of Danish Ball Head or Holland

Medium Stem

258 This type of winter Cabbage has become very popular of late years on account of the unequalled keeping qualities, as well as for the great solidity and weight of the heads; it is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing when trimmed fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in choice condition until spring. (See illustration.)

Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00; transportation paid.

"Last year I purchased an ounce of Henderson's Superior Strain of the Danish Ballhead Cabbage Seed, and I believe that every seed came up. It is a grand cabbage."
LE ROY F. GARDNER, Ghent, N. Y.

Red Cabbage

270 **Mammoth Rock Red.** A large growing select strain, producing very solid heads weighing 10 to 12 lbs. each; color intense dark red. Price, pkt. 15c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.00; lb. \$7.00; transportation paid.

272 **Red Dutch.** A popular hard-headed sort for pickling, etc. The best keeper; not extra large, but of excellent quality. Price, pkt. 10c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00; transportation paid.



Henderson's Snowball Cauliflower

Incomparably the Best for Spring or Fall Crops. An Excellent Forcer

The Genuine is Obtainable Only Direct From Us

For the second time the Silver Loving Cup for the First Prize in the Cauliflower Championship Contest at the National Convention of the Vegetable Growers' Association of America, was won by Mr. Klass de Jong of Manitoba, with his exhibit of Henderson's Snowball Cauliflower. Commenting on his twice-won victory, Mr. De Jong said: "I have grown Cauliflower for many years, but I have never found the equal of Henderson's Snowball. It is superior to any other."

323 Beyond all question **Henderson's Snowball** is the one perfect Cauliflower for the American gardener. In most sections of the United States the best and most satisfactory crop is grown from seed sown outdoors about May 20th and transplanted during July, so that the plants make their best growth during the cooler months. For this crop, Henderson's Snowball is unsurpassed.

Henderson's Snowball Cauliflower, grown from seed sown under glass in February and transplanted after frost, will produce perfect heads of snowy whiteness in the open ground by June 1st. There is none to equal it in value for forcing under glass for a winter crop, for which it is especially adapted by reason of its compact, upright habit, quick growth, and sure-heading quality.

For all purposes and at all seasons it has become indispensable. Critical market growers use it in ever-increasing quantities, while the amateur and private gardener find it equally valuable at all seasons, owing to its reliability in heading, its strong, vigorous habit, and the whiteness of its perfectly formed flowers. It is, without doubt, the ideal Cauliflower, perfect in size, in reliability, in color, and in quality. (See illustration.)

Price, pkt. 25c.; $\frac{1}{2}$ oz. \$2.25; oz. \$4.00; $\frac{1}{4}$ lb. \$14.00; lb. \$50.00; transportation paid.

Although Cauliflower may be grown as easily as Cabbage, we urge those who are not familiar with its cultivation to ask for our free pamphlet "Cultivation of the Cauliflower" when ordering.



Beware of imitations. We have always controlled Henderson's Snowball Cauliflower and unless the seed is bought directly from us you do not get the genuine, as we do not supply it to dealers.

Henderson's New Early Cauliflower Snow King

Introduced by Peter Henderson & Co. in 1929

**Will Produce Medium Sized Snow White Heads
on Poor Land, Despite Adverse Climatic
Conditions—Succeeds Where Tender
Varieties Fail.**

326 We feel that at last we have developed a Cauliflower quite distinct from any variety hitherto offered. One that will make it possible to have this delicate, delectable, and healthful vegetable grown in every garden; and enjoyed by every garden lover. This new Cauliflower, which we have named **Snow King**, we are sure will meet with universal approval because of several outstanding characteristics.

The most important of these is its **Hardiness**. We have amply proved this by extensive tests under adverse conditions, and we know that **Snow King** will thrive and "head up" when grown on land where most other varieties would be sure to fail.

Snow King is also a winner because of its **Earliness**. It matures very quickly, and is fully two weeks earlier than Early Dwarf Erfurt, up to the present time considered the earliest Cauliflower to mature.

Snow King will also be enjoyed because of its delicious flavor, its creamy whiteness, and prove to be an invaluable addition to the dietary because of its high vitamin content. The very dark green leaves, shorter than those of most Cauliflowers, are strongly ribbed, which is a sure indication of the hardiness of the plant, and its ability to survive very trying conditions. They curl in at the top, thus protecting the young heads.

We therefore highly recommend **Henderson's Snow King Cauliflower** for your 1931 garden. (See illustration.) Price, pkt. 50c.; 3 pkts. \$1.25.



SNOW KING WEIGHING 7 1/2 POUNDS

"I am glad to tell you how much I appreciate your new Snow King Cauliflower. I enclose herewith a photo of one I grew weighing seven and one half pounds."—C. P. HARRISON, Glencoe, Md. (See illustration.)

Gilt Edge Erfurt

A Sure Header—Ideal for Forcing

320 A de luxe Cauliflower recommended particularly for its superior forcing qualities. The heads are medium in size, pure glistening white with very close compact finely grained curds. The light grayish green leaves are small and compact, which is one of the desirable characteristics that make it so valuable for forcing as well as for growing in small gardens where space is limited. It is a sure header, ideal in every way. (See illustration.) Price, pkt. 50c.; 1/2 oz. \$5.00; oz. \$8.00; transportation paid.

Extra Early Dwarf Erfurt

317 Until we introduced Snowball this was considered the best early variety; plants dwarf and compact, forming good-sized heads; fine for open ground fall crop. Price, pkt. 20c.; oz. \$3.50; 1/4 lb. \$12.00; lb. \$40.00; transportation paid.

Extra Early Paris

319 Heads uniform and of medium size. Price, pkt. 10c.; oz. \$1.25; 1/4 lb. \$4.00; transportation paid.

Large Late Algiers

321 A strong growing variety for late fall use, producing large fine heads. Price, pkt. 10c.; oz. \$1.25; 1/4 lb. \$4.00; transportation paid.

Autumn Giant

315 A large growing late variety. Succeeding well in Southern climates. Price, pkt. 10c.; oz. 75c.; 1/4 lb. \$2.50; transportation paid.



You may be interested in knowing that I represent the third generation of users of Henderson's seeds in my family.—
B. H. Krueger, Unionville, Connecticut.

Grow for Your Own Table and Enjoy Flavor Supreme 31

CULTURE.—Prefers a deep mellow soil. Sow seed in April for an early or in July for a fall crop. Sow seed half an inch deep in rows twelve inches apart. Thin out to three inches apart. Make successive plantings so as to insure a constant supply all summer. Seed may be sown from early spring to as late as August 15th.

**EARLY AND
MID-SEASON**

CARROTS

Henderson's New Carrot "Tendersweet"

(See Colored Plate Page 35.)

The Sweetest, Tenderest and Hardest Red Carrot Grown

310 The food value of Carrots is so thoroughly appreciated that any improvements in this standard table favorite is sure at this time to be received with instantaneous favor by both amateur and professional gardeners. "Tendersweet" is the answer to the reason why the amateur gardener is so anxious to grow his own vegetables—because "Tendersweet" is synonymous with carrot quality at its zenith. "Tendersweet" also bids to become the favorite of the market grower—for its hardness and reliability as a cropper, and also because its beautiful rich color and attractive uniform appearance is bound to command for it the highest market prices.

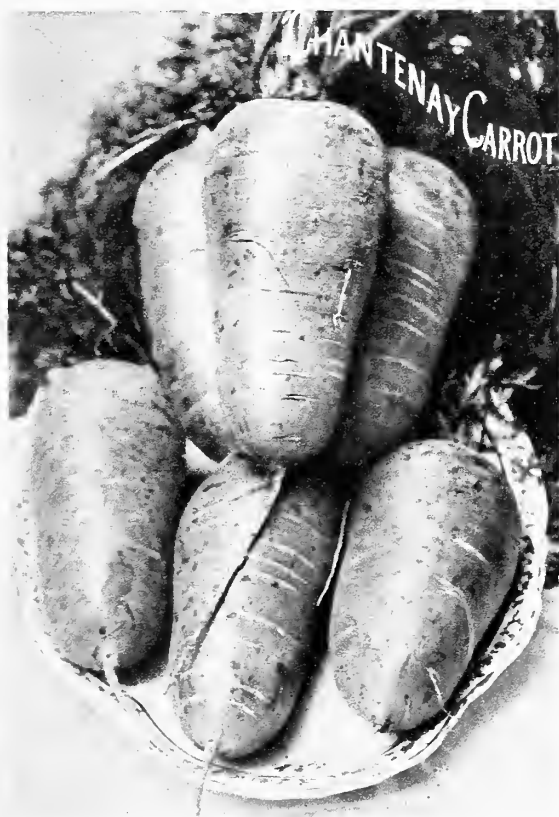
The top-growth is quite distinct from any other variety, being a rich dark green with a distinct purplish tinge that becomes more pronounced at the base of the stems. Tapering slightly from the shoulder to a blunt end with practically no tap-root, the perfectly formed smooth roots average 8 to 10 inches in length. The flesh is of fine texture with very little core and exceptionally sweet flavored. The color of the flesh is deep orange, the outer skin showing a distinct tinge of red. It matures but a few days after the early sorts and its hardy and robust constitution insures a perfect crop for it even in seasons when other varieties are practically a failure.

Price, pkt. 20c.; 3 pkts. 50c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00; transportation paid.

Henderson's Coreless

292 This Carrot, introduced by us a few years ago, has proven one of the most universally popular varieties ever sent out. People who never liked Carrots before are delighted with the melting tenderness and sweet mild flavor of Henderson's Coreless. It is a half-long, cylindrical Carrot, blunt-pointed, with a small tap-root and small top. They run very uniform in shape and size, 6 to 7 inches long, by $1\frac{1}{4}$ inches through; clean skinned, smooth, easily pulled and keep well. The flesh is of fine texture, entirely devoid of stringiness, coarseness and woody heart or core. The color of the flesh is the rich red-orange so attractive when served. Henderson's Coreless excels all other half-long Carrots in earliness. (See illustration.)

Price, pkt. 15c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00; transportation paid.



I had some of your carrot seed last year, Coreless Carrot, and raised the prettiest shaped carrots I ever raised. I took some of them to a fair in the church here and they were admired by all.

JOHN A. CATE
Concord, N. H.



Chantenay

290 This Splendid Carrot belongs to the half-long "stump" or blunt-rooted type, but differs from all others of this class by its greater girth, bulk, and consequent yield. It averages 6 to 7 inches in length, is broad at the neck, narrowing gradually to the round, blunt base, therefore is easily harvested. The flesh, almost free from core, is of rich orange-red, and of the finest table quality; fine-grained, tender, juicy, and delicately flavored. Chantenay Carrot is an excellent variety for use either for an early crop or a main crop. In the latitude of New York sow as early as possible for early Carrots, certainly not later than the end of April. The roots, of course, are best when used young. For a main crop sow Chantenay from June 1st to June 20th. Carrots split and grow rooty if checked in growth. This may be avoided by watering when dry, and by an occasional application of liquid manure. (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Early French Forcing

296 The earliest, and largely grown for forcing. Small, almost globular roots, orange-red in color. Said by connoisseurs to possess the most delicious flavor of all.

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Early Scarlet Horn

298 Early Scarlet Horn, or "Shorthorn" Carrot is a very popular early variety, 3 to 4 inches long and $1\frac{1}{2}$ inches in diameter; blunt-rooted; it is a favorite for bunching for market. A fine table Carrot and when pulled young is excellent for soups and stews. The color is deep orange scarlet, very fine grained, sweet flavor.

Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Half-Long Red Stump-Rooted

300 A shapely, stump-rooted variety, of medium size, and one of the best for private gardens for summer use, medium early.

Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$2.50; transportation paid.

Carrots are easily grown, but greater success may be had by reading our 16-page booklet, "Garden Culture of Root Crops," sent free on request when ordering.

CARROTS MID-SEASON AND LATE

Henderson's Selected Half-Long Danvers

294 A handsome, half-long, cylindrical, stump-rooted Carrot of good size and of a rich dark-orange color; it grows to a large size; is smooth, and the flesh is very close in texture with very little core. It is a first-class Carrot for all soils, and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. It is more easily harvested than the longer types, and is excellent to store for winter, for stock or table use. (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid. "I bought Danvers Carrot Seed from another firm last year and had such poor results that I said: 'Peter Henderson & Co. for me in the future.' One can always count on the results from your seeds."

E. F. NADE, Knappa, Oregon.

Improved Long Orange

304 An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper. The strain we offer is the result of painstaking selection—spread over a period of years—of the most highly colored and the most perfectly shaped roots of the old variety of long orange. The old variety was justly esteemed for stock feeding purposes, but Improved Long Orange is highly desirable for table use, the flavor being extremely good, and the flesh tender.

Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Henderson's Intermediate

302 A large, handsome, main crop variety, between half-long and long, with an enormous yielding capacity in deep soils. The root, 10 or 12 inches in length, is very broad at the neck, 2 to 3 inches through, and tapers evenly to the small tap-root. It grows smoothly and uniformly, and has rich, reddish-orange flesh, tender, sweet, and entirely free from woody coarseness, even at maturity.

As a table Carrot it is unsurpassed; for truckers its fine color and appearance render it salable, while as a field Carrot its great yield makes it valuable. (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Oxheart or Guerande

308 An excellent sort for the private garden, being especially valuable for spring and early summer crop. Its short, stocky character gives it great value on shallow soils, where the larger varieties will not succeed, and the compact growing leaves allow close planting. The quality is excellent; it remains tender long after maturity, and may be used while very small for soups, etc. It is excellent for growing in frames.

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.



SPECIAL

Succession Collection of Carrots

312 This collection is a selection of early, midseason and late varieties, and if all planted at the same time will produce a continuous supply of carrots for the table.

Early Scarlet Horn Carrot.
(See description on page 31.)

Chantenay Carrot, page 31.

Danvers Carrot.
(See descriptions on this page.)

Price, Collection of 3 pkts. 25c.; 1 oz. each, 60c.; Transportation paid.

Carrot Field

(Sow 4 lbs. per acre.)

Improved Long Orange. Enormous yielder of large roots; good keeper. $\frac{1}{4}$ lb., 60c.; lb., \$1.50.

Danvers. Good-size handsome, stump-rooted; big yielder. $\frac{1}{4}$ lb., 75c.; lb., \$2.00.

Large White Belgian. Long white roots; very productive. $\frac{1}{4}$ lb., 45c.; lb., \$1.00.

Large Yellow Belgian. Long yellow-fleshed roots; good keeper. $\frac{1}{4}$ lb., 45c.; lb., \$1.00.



CELERY

EARLY VARIETIES

CULTURE.—Sow seed soon as frost is out of ground, about one-quarter inch deep. When seedlings are four inches high, they should be cut back about one inch and transplanted into well enriched soil. Set plants six inches apart in rows three feet apart.

THE THREE PLUMED CELERIES

All Introduced by Peter Henderson & Co.

Henderson's Selected Golden Plume

Early Maturing—Self-Blanching

339 Among the reports received by us from growers, one says: "It is a glorified and perfected celery of the Golden Self-Blanching type, but far superior to that old variety."

Henderson's Golden Plume Celery is absolutely the earliest maturing celery grown. It is large, vigorous, and appears to be immune to blight and rust. We highly recommend it to the home gardener on account of its ease of culture—it requires no banking—for its attractive appearance, which when fully matured is most inviting; the foliage is creamy yellow, and the stalks creamy white, becoming almost white at the base. It is entirely devoid of any ribs or fibre, and it is brittle, tender, and deliciously flavored. Its earliness, vigor, freedom from disease, large size, attractive appearance, and high quality, promise to market growers of this new variety a very profitable return. (See illustration.)

Price, pkt. 25c.; 5 pkts. for \$1.00; oz. \$3.50; ¼ lb. \$10.00; transportation paid.

Henderson's Perfected White Plume

Pure White—Delicate Flavor—Crisp and Succulent

350 White Plume Celery was introduced by us and is now more popular than ever.

It is as easy to grow White Plume Celery as any other vegetable. If the stalks are drawn together when the plant is three-fourths grown and the soil drawn to or pressed around the plant it will soon be fit for use, as the stalk portions of the inner leaves and the heart are white naturally. At maturity, the plant is highly ornamental. Its ample white heart and variegated leaves present a beautiful appearance, and the delicate flavor of its crisp, succulent stalks is unequaled. Our stock is finer today than ever and we are fully entitled to name it "Henderson's Perfected White Plume."

Price, pkt. 10c.; oz. 70c.; ¼ lb. \$2.00; ½ lb. \$6.00; transportation paid.

Henderson's Rosy Plume

Self-Blanching—Charming Combination of Rose and Gold

340 Henderson's Rosy Plume is the result of a cross between Golden Self-Blanching and a

Red Celery, and it is characterized by the early self-blanching qualities of the former and the sturdiness and delightful piquant flavor of the latter parent.

Price, pkt. 25c.; 5 pkts. \$1.00; transportation paid.

Henderson's Garden Fertilizer helps grow bigger and better crops, see page 200



354 Collection of Three-Plumed Celeries

Rosy Plume

Golden Plume

White Plume

Price, one pkt. each, 50c. Transportation paid.

Silver Self-Blanching

Introduced by Peter Henderson & Co. in 1910

Thick Pearly White Stalks. Perfect for Family Use. Very Early.

346 Silver Self-blanching is a "sport" from the famous Golden Self-blanching, from which it inherits its peculiarly robust habit. At the same time, it has the perfect whiteness of the old White Plume, a most desirable blend of the essential qualities of a Self-blanching Celery. The quality is excellent, and it can be used fully one month earlier than the slow blanching sorts.

Price, pkt. 15c.; oz. \$1.00; ¼ lb. \$2.75; lb. \$8.00; transportation paid.

Triumphs of Vegetable Perfection for 1931

Shown in Colors on Opposite Page

Giant Wax Pole Bean

Truly a Giant. Bears Pods 8 to 10 in. Long.

93 After long continued trial, we have decided to offer this variety to our customers this year, because it has proven to be a great acquisition. It is a very hardy bean; seems to be quite free from rust and bears abundantly big crops of large flat waxy pods, brittle and tender, and often measuring ten inches in length. The color of the pods is a clear amber yellow which makes a group of them very attractive. Anyone contemplating an exhibition of his or her garden produce should certainly plant Giant Wax. It is a sure prize winner. (See illustration.)

Price, pkt. 25c.; 3 pkts. 60c.; pint, \$1.00.

New Mustard Spinach

An Entirely New Vegetable Recently Introduced

803 This entirely new vegetable is of Japanese origin, and we have tested it thoroughly this year in our Seed Trial Grounds at Red Bank, N. J. As the name indicates it is related to the Mustard family, but the pungent taste of the Mustard has been greatly refined. It has a most delicious flavor peculiarly its own, and combines in itself the qualities of both Spinach and Mustard. It makes an excellent spinach grown in the same way; and it has the advantage over any other plant used for greens, because it is ready for the table in from three to three and one-half weeks from planting the seed.

A continuous supply for the table may be had by making successive sowings, because it flourishes during hot weather, as well as in moderate periods when ordinary varieties of spinach fail to grow.

We recommend all our customers to try it, because we think that Mustard Spinach will eventually supersede many vegetables now used as "greens."

Chemical analysis shows this plant to have abundant Protein, Mineral matter, Lime and Iron.

Price: pkt. 15c.; oz. 30c.; ¼ lb. 90c.; postpaid.

Henderson's New White Sweet Onion

Barcelona

A Spanish Keeping Onion, Sparkling White, Mild Flavor

610 We are pleased to be able to offer this novelty for 1931. We have named it Barcelona because it is a selection obtained from our famous onion, Espanola, although it is pure silvery white in color, instead of pale golden yellow like its parent. It is also more of a true globe shape. The outer skin is silver white and the inside is sparkling white, of fine texture, mild flavor and delicate tenderness.

In sections where there is a long warm season and on soil that is well-tilled and rich, Barcelona will attain almost as large a size as its parent Espanola.

The Espanola and Barcelona onions are very popular, and domestic grown, are in all respects equal to the imported. They also keep fairly well for winter use but not quite equal in keeping qualities to the Southport Globes or Danvers.

Like its parent, Barcelona is singularly free from fungoid diseases.

We recommend all our friends to try Barcelona, although it will be necessary to order early because our stock of seed this year is limited.

Price: pkt. 25c.; 5 pkts. for \$1.00.

A Supreme Product of the Horticultural Art

The Fruit Tomato

Introduced by Peter Henderson & Co. 1930

**Solid, Meaty, Sweet, Delicious Flavor
Almost Seedless**

888 At last we have developed a tomato that can be placed in the class of fruit, as its delicious sweet flavor and solid meaty texture makes it possible to eat it at any time as one would eat a peach.

Practically free from acidity and seeds, it makes a most delicious and appetizing morsel whether eaten raw between meals, as a dessert, or prepared in any of the standard methods.

Vigorous in growth, disease resistant, bearing great clusters of sweet, luscious, beautifully formed, deep pink tomatoes, this great addition to the list of table delicacies will soon be known and grown throughout the world.

A packet at least of this wonderful tomato should be planted in every garden this spring. Packet 30c.; two packets 50c.

Special Strain of Henderson's Ponderosa Tomato

Sometimes called Beef Steak. Introduced by Peter Henderson & Co. in 1891

**For Years the Best and Most Popular
in the American Garden—Produces
Fruits Magnificent in Size—Delicious
in Flavor—Perfectly Shaped and in
Great Profusion**

900 From its first appearance it gripped and held the admiration of all who grew it, and each recurring season sees thousands more added to the number of its appreciative admirers who have sent us testimonials in such numbers that if we printed them they would monopolize a quarter of the pages in the catalog.

There are two kinds of solid Tomatoes. One derives its solidity from a thick-fleshed outer wall and a tough skin, and this is eagerly sought by the shipper. The solidity of Ponderosa is different. A serious defect in many sorts is the hard, core-like character of the cell walls, which frequently remain green and hard long after the other parts of the fruit are ripe.

We have succeeded so thoroughly in modifying, developing, and enlarging these cell walls in Henderson's Ponderosa that they have almost filled the seed cavities, which in less carefully bred strains contain only seed and watery pulp.

The original highly bred and selected type of Ponderosa can only be secured direct from us, as we do not supply dealers. Spurious and uncared-for stocks will be disappointing.

Price, pkt. 15c.; 2 pkts. 25c.; oz. 90c.; ¼ lb. \$3.00; transportation paid.

SEE COLORED PLATE PAGE 14 FOR GOLDEN PONDEROSA

Cardoon

280 **Large Spanish.** Large fleshy-leaved plants, used as a winter vegetable. The blanched stalks and ribs of the inner leaves when cooked are tender and of an agreeable flavor. Price, pkt. 15c.; oz. 40c.; ¼ lb. \$1.25; lb. \$4.00; transportation paid.

Chervil

360 The young aromatic leaves are much used in soups and salads. Price, pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb. \$1.50; transportation paid.

Chicory

365 **Large-Rooted.** "The Barbe de Capucin" of the French. It is very easy to grow and is also used in summer as greens. Price, pkt. 10c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50; transportation paid.

367 **Witloof Chicory.** Called also "French Endive." Price, pkt. 10c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.00; transportation paid.

Corn Salad or Fetticus

375 **Large-Leaved Fetticus or "Lamb's Lettuce."** Hardy plants for late fall, winter and spring use; they form rosettes of tender, edible leaves, are used as a substitute for Lettuce. Price, pkt. 10c.; oz. 15c.; ¼ lb. 45c.; lb. \$1.50; transportation paid.

Cress

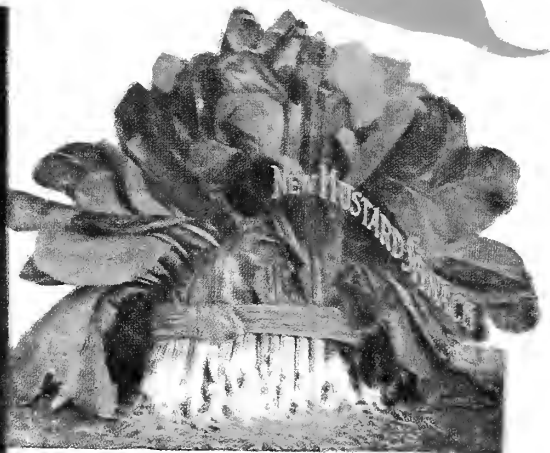
Or Pepper Grass

380 **Extra Curled.** Crisp pungent leaves finely cut and very ornamental in appearance. Cress is used as a condiment and for garnishing. Extra Curled is a dwarf, compact variety, and grows rapidly. Price, pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb. \$1.50; transportation paid.

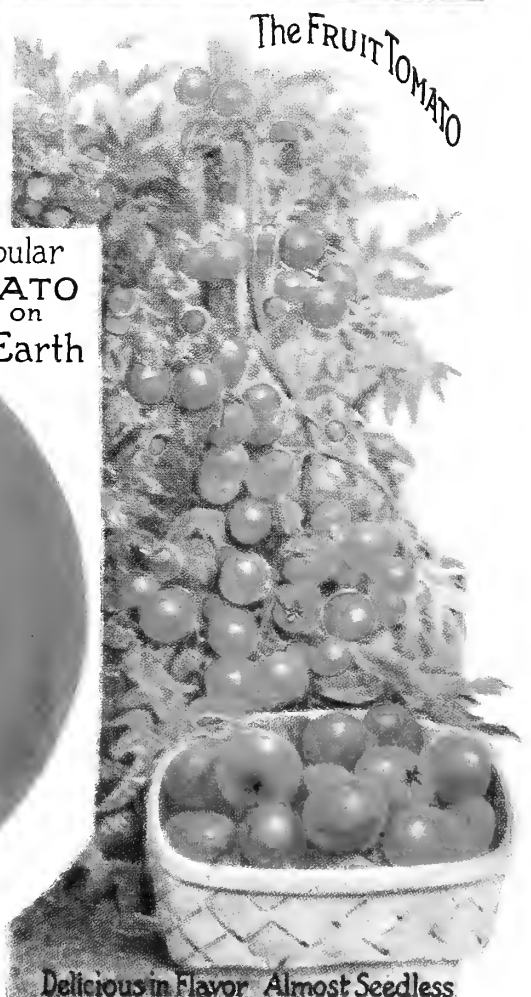
382 **Upland.** The leaves and their flavor somewhat resemble Water Cress, though this sort succeeds in dry soils, and is slow in running to seed. Price, pkt. 10c.; oz. 50c.; ¼ lb. \$1.50; transportation paid.

384 **Water Cress.** Highly esteemed for salads and garnishing. It must be grown along moist banks or in tubs in water covered soil. Price, pkt. 15c.; oz. 60c.; transportation paid.

**New
Giant
Wax
Pole
Bean**



HENDERSON'S
PONDEROSA



We offer a Special Strain this Year
(See Opposite Page)

Delicious in Flavor Almost Seedless

HENDERSON'S NEW TOMATO "WINSALL"

A GREAT NOVELTY INTRODUCED BY US IN 1924



For Full Description
See Opposite Page

For Full Description
See Opposite Page

"WINSALL" WINS APPROVAL FROM 40,000 PEOPLE—"WINSALL" WINS PRIZES WHEREVER SHOWN "WINSALL" WINS BY ITS QUALITIES OF SWEETNESS, SOLIDITY AND SEEDLESSNESS—"WINSALL" WINS BECAUSE OF ITS WONDERFUL SIZE AND GORGEOUS COLOR

PETER HENDERSON & CO., 35 and 37 Cortlandt St., NEW YORK

Henderson's Prize Tomato

*Recently
Developed*

Winsall

*Supreme
Quality*

Introduced by Peter Henderson & Co. in 1924

Shown in Colors on opposite page

Winsall Wins Everywhere

It Wins Approval from 40,000 People—It Wins Prizes Wherever Shown—It Wins by Its Qualities of Sweetness, Solidity and Seedlessness—It Wins Because of Its Wonderful Size and Gorgeous Color.

915 The outstanding characteristics of **Henderson's Winsall Tomato** are its remarkably vigorous and disease resistant growth, its uniformly round form, its large size, and the delicious flavor of its firm flesh.

Henderson's Winsall is about five days later than **Ponderosa** in maturing its first fruits, but its second fruits seem to ripen more rapidly than do the fruits of **Ponderosa**. The coloring is indeed perfection; the bright red extending close up to the stem ends. **Henderson's Winsall** is undoubtedly the most meaty tomato ever produced; the entire fruit being edible, tender and delicious, and remarkable for an almost entire absence of seeds. This latter characteristic is so pronounced that many of our friends proposed to call it "Giant Seedless."

As for smoothness and formation, **Henderson's Winsall** is a great improvement upon **Ponderosa**.

We append the report of one of our customers, Mr. D. P. McCracken, editor of *Floral Lore*, Paxton, Ill., because he describes it even better than we ourselves can do.

"Reporting on your **Winsall**, I have to say that, if I were naming it now, after trial, I should call it '**Best to Date**,' not limiting it to Peter Henderson's efforts—simply exalting it to a class by itself.

"It is the best of the fleshy class, and the fleshy sorts are best by long odds; it is as meaty as the 'Beefsteak,' yet devoid the tough, leathery walls of that famous variety; it is far more uniform in both size and conformation than the popular **Ponderosa**, and eclipses in productivity as well as bearing period, any tomato I have been able to secure in my fifty continuous years of growing.

"Picked just before the stem-end is entirely red, and spread on a low table, **stem-end down**, in a cool basement, it ripens in a day or two to as near perfection as could possibly be."

D. P. McCracken, Paxton, Ill. Editor of *Floral Lore*.

Important Notice!

Winsall Tomato is very vigorous in growth and produces superabundant foliage. It is therefore necessary to prune away some of the superfluous foliage to admit light and air to the flowers and assist pollenization. A dense mass of leaves and vines overshadowing the blossoms will cause them to fall, and fail to produce fruit.

Price—Pkt. 25c., 3 pkts. for 60c. ½ oz. \$2.00. 1 oz. \$3.50; transportation paid.

WE HAVE RECEIVED THOUSANDS OF LETTERS SOUNDING THE PRAISES OF WINSALL, AND HUNDREDS OF PHOTOGRAPHS, A FEW OF WHICH WE SHOW ABOVE.

Earlier, bigger, and better crops are produced if you fertilize your ground with Henderson's Garden Fertilizer. See page 200.

CELERY MID-SEASON
VARIETIES

Continued

Henderson's
Easy Blanching

Introduced by Peter Henderson & Co. in 1914

Has Gained in Popular Favor by Leaps and Bounds

Emphatically Distinct from Any Other Sort. The Easiest and Quickest to Blanch. Excels All Late Sorts in Long-Keeping Quality. The Earliest and the Latest in One Row.

332 This splendid Celery was named and introduced by us. It has already taken rank with other vegetables we have introduced, many of which are the standard of merit and have achieved a world-wide reputation. The original stock has been improved under our watchful care and it is today as near perfection as nature can make it.

Easy Blanching Celery excels in the qualities that give Self-Blanching Celeries their value; it bleaches earlier and quicker than any of this class. It is the longest keeping variety grown (if put away green), excelling in this respect every other sort. It has proved to be among the most valuable additions we have made to the vegetable gardens of the world, and fit to take rank with the many famous varieties of vegetables with which our name is associated.

Easy Blanching Celery enables the market grower to command the market over the entire season, and so easily is it grown that the amateur can produce Celery equal in quality to that which formerly could be grown only by skilled men equipped with years of experience.

The plant is of medium height, of great vigor—having thick, rather than broad, stalks, with shallow ribs. The leaves are slightly but densely crumpled, distinguishing it from any other variety. Its quality is superb.

The stalks are tender and brittle, and the flavor extremely spicy and aromatic. (See illustration.)

Price, pkt. 15c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.25; lb. \$12.00; transportation paid.

"I now write to let you know that your Henderson's Easy Blanching Celery was something wonderful and I think I will raise all Easy Blanching Celery next year, we are getting so many calls for same, but we did not have enough."

JOHN MUNGER, Stock Yard Station, Denver, Colorado

Henderson's Superior
Golden Self-Blanching

Stalks Thick, Crisp and Brittle. Waxed Yellow. Very Early

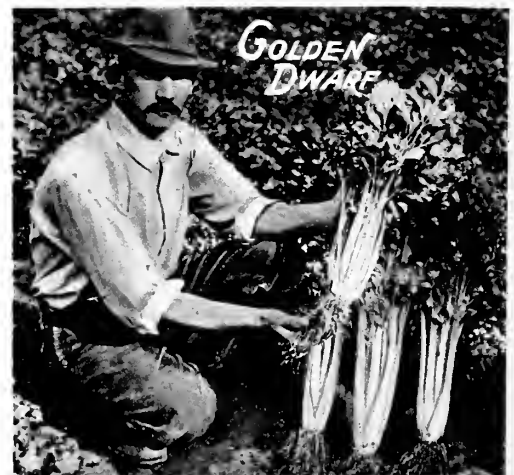
342 An excellent variety of French origin. This is the variety grown largely for market, but it is equally valuable for the private garden. It is very early, blanches quickly and its rich color makes it quite attractive. The habit of the plant is short and stocky; the stalks are broad, thick, very solid, crisp and brittle; the quality is superb, tender and free from stringiness; flavor rich and delightful. It develops a large heart quite early in its growth, which makes the greater part of the plant edible. It is fit for use early in September.

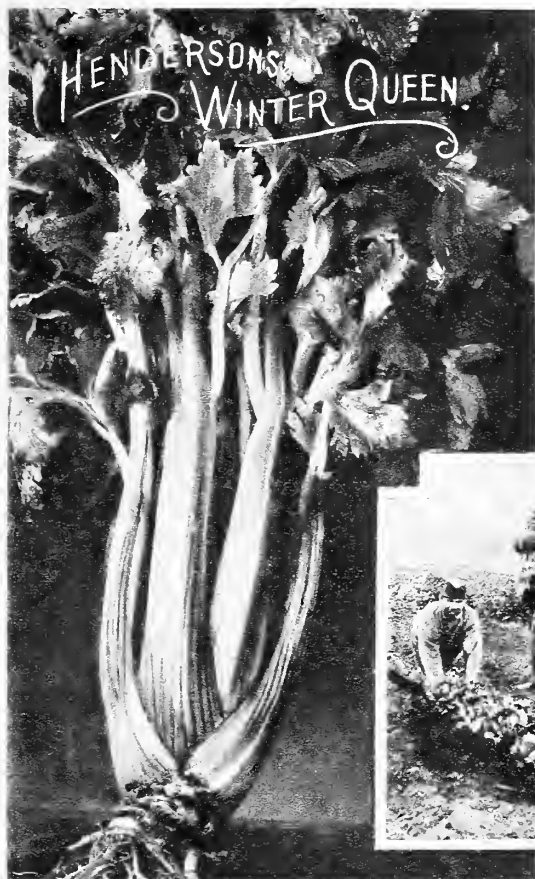
Price, pkt. 20c.; 3 pkts. for 50c.; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00; lb. \$14.00; transportation paid.

Henderson's
Golden DwarfWith a Heart of Cream
and Gold

338 This popular standard long-keeping variety was introduced by us 40 years ago and has for many years been planted almost exclusively by the growers of the famous celery-growing district of Kalamazoo, Mich. Golden Dwarf has a large heart and solid, cylindrical stalks, blanching golden yellow. The flavor is very fine, deliciously crisp and a splendid keeper. (See illustration.)

Price, pkt. 15c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.00; transportation paid.





LATE VARIETIES **CELERY** Continued

Henderson's Winter Queen

The Standard Variety for Winter Keeping

348 Late Celeries require different treatment from the self-blanching sorts. After a slight banking up in the open ground the plants are put away in deep trenches to blanch. Kept thus in contact with the earth, they acquire a greater degree of tenderness and flavor.

Winter Queen is a fine selection of Henderson's Golden Dwarf, and has all the qualities which made it popular, plus a larger and fuller heart. It is an excellent variety for a late crop, is very hardy, slow to rot in the trench, and is perfect in quality. (See illustration.)

Price, pkt. 15c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.00; transportation paid.

"I wish to mention particularly about some Winter Queen Celery that I ordered from you two years ago. The plants made a fine growth and the Celery was certainly the best we have ever had, keeping until the month of March in the trench. Rather unusual in this cold latitude."

MRS. E. M. DOTY, Saratoga, N. Y.



Giant Pascal

336 A desirable long-keeping, green winter Celery; robust healthy stock, about 2 feet high, making broad, thick, stringless stalks and large hearts, all remaining deep green until blanched by earthing-up or by being stored for winter. It blanches to a pearly white when the stalks are extremely brittle, entirely stringless and exceedingly crisp; in fact, some truckers complain that it cannot be tied into attractive marketable bunches on that account, which, although a disadvantage from their standpoint, indicates its high quality for the private grower; flavor surpassingly rich and nutty.

Price, pkt. 10c.; oz. 65c.; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

"I had good luck with my Giant Pascal Celery. For so large a sort, it is freeer from strings than any I ever saw. It grows to be over 2 feet high and produced magnificent crisp, creamy white bunches.—JOS. M. SCOTT, New Alexandria, Ohio.

Henderson's New Rose

344 A splendid variety for late use. The color is rose of exceptionally fine flavor.

Price, pkt. 15c.; oz. 85c.; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00; transportation paid.

Celery for Soup Greens

334 A rapid growing strain of green celery. The side leaves may be used as wanted. Price, pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50; transportation paid.

CELERIAC TURNIP-ROOTED CELERY

CULTURE.—Sow the latter part of April, covering seeds one-quarter of an inch. Thin out to about one inch apart in the row and transplant into rows one and one-half feet apart and six inches apart in a row.

Henderson's "Snowball" Celeriac (Turnip-rooted Celery)

358 Celeriac, while one of the most popular vegetables on the European Continent, is regrettably not so well known here. However, when its superior merits and excellence once become fully known, it will be grown in every American home garden.

Henderson's Snowball Celeriac is a delicious vegetable of easy culture. The seed should be sown outdoors early in spring and the plants grown like any ordinary root crop. It requires no banking or blanching.

The smooth, round turnip-like roots average three inches across, the flesh is snowy-white, and it has the flavor of a delicious nutty celery. Celeriac may be served in a great number of ways. It is greatly relished in salads and soups, and may also be cooked and served in the same manner as turnips and the like. The foliage of the Celeriac is also valuable for flavorings, soup, etc. (See illustration.)

Price, pkt. 20c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00; transportation paid.



It is simple and easy to bleach celery in the home garden with the Celery Handler and the Celery Bleaching Tubes offered on page 186.

SWEET CORN

CULTURE.—Sweet or Sugar Corn may be either sown one inch deep in rows three to four feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at

distances of three or four feet each way, according to the size of the variety grown. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May and plant every two or three weeks until the last week in July. In more southerly latitudes planting is begun earlier and continued later. The earliest varieties are ready for the table in eight or nine weeks from sowing and the late varieties in from eleven to twelve weeks. One quart for 200 hills.

Golden Bantam The Famous Sugar Corn

A Gem for the Small Garden. Small Ear of Remarkable Quality and Flavor

119 Golden Bantam is a dwarf medium early variety of exceptionally good quality and reliability. It has become one of the most popular varieties in our list. The plant is about 5 feet high, medium early, but exceptionally stocky and vigorous. It is particularly well adapted to small gardens on account of its small size; to the more pretentious garden on account of its excessive cropping ability on a given area.

It may be planted to advantage in hills 3 feet apart each way. If in rows they should be 3 feet apart and the plants singly at 12 inches apart. It is probably the best to use where only one sort is planted, for it succeeds admirably under all conditions. (See illustration.)

Price, pkt. 15c.; pt. 50c.; qt. 95c.; 4 qts. \$3.50; peck \$6.50; transportation paid.

Golden Sunshine

The Earliest Golden Sweet Corn Grown

122 Blue skies and golden sunshine have combined their chemistry to produce the nectar-like sweetness of this delicious sweet corn.

The ears are very compact, about the same size as Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grains instead of 8 as Golden Bantam. It is a very rapid grower and the earliest of the golden group.

Price, pkt. 20c.; 3 pkts. 50c.; pt. 75c.; 1 qt. \$1.25; 4 qts. \$4.50; transportation paid.

Henderson's Pocahontas

127 The plant is of dwarf habit and very robust. The ears are of good size and are always well filled, having no gaps between the rows—a common fault of many early sorts. The flavor is excellent for so early a variety.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Henderson's Metropolitan

The Largest and Sweetest Early Variety

116 Metropolitan combines the essential features of earliness, productiveness and good flavor in a superlative degree. It is very little later than Cory.

The ears are from 8 to 9 inches long and all set low. They are 10 to 12-rowed, well filled to the tip with large, deep grains, which are very tender. It is not merely sweet, but possesses that exquisite richness so well known in the larger and later sorts. The best, the largest, the sweetest and the biggest yielder of all Early Sweet Corn. (See illustration.)

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Other Early AND MID-SEASON Varieties

133 The Henderson. The Henderson is a mid-season variety and is ready for the table about one week before the late sorts. The plant is luxurious, healthy and vigorous. It is of delicious quality and has the faculty of retaining its delicious and tender sweetness for a much longer time than most other sweet corns.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

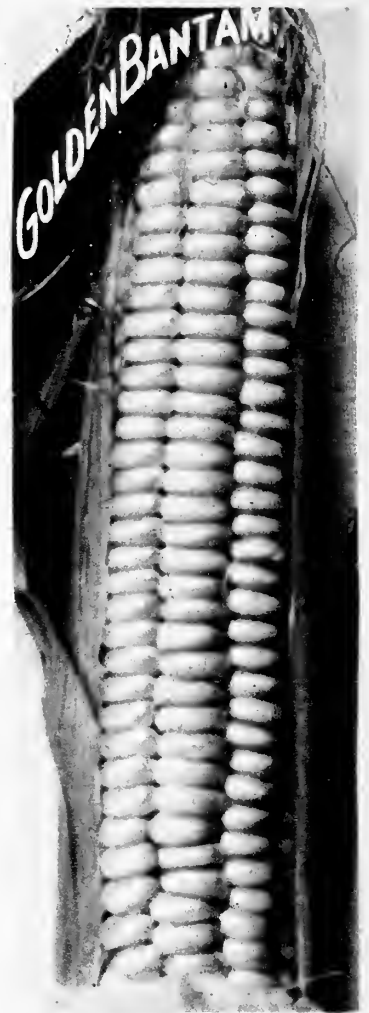
101 Black Mexican. Medium early, bearing 8-inch ears. Well filled with large kernels, which paradoxically though black when ripe, are white when "green" and then exceptionally sweet.

Price, Pkt. 10c.; pt. 35c.; qt. 65c.; 4 qts. \$2.25; peck \$4.25; transportation paid.

109 Cory Early, White Cob. Extremely early, fit to use in 50 to 60 days from planting. Ears about 6 to 7 inches long, with milky white kernels plants dwarf, bearing usually 2 ears to a stalk. Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

112 Early Champion. This standard sort has stood the test of many years of cultivation. It is grown extensively both by private and market gardeners as it comes into bearing immediately after the early sorts. It is a sure cropper, ears are medium to large in size, pure white.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.



No. 135 Henderson's Continuity Collection of Sweet Corn

Seeds of the entire collection should be planted at one time, otherwise the succession will be broken.

Pocahontas for Extra Early.

(See page 40.)

Metropolitan for Early. (See page 40.)

Golden Bantam for Medium Early. (See page 40.)

"Country Gentleman" for Mid-Season. (See page 41.)

Stowell's Evergreen for Late. (See page 41.)

Prices of Henderson's "Continuity" collection of Sweet Corn. Transportation paid.

1 packet each of 5 varieties (sufficient for 125 hills).....\$0.50

1 pint each of 5 varieties (sufficient for 500 hills).....\$2.00

1 quart each of 5 varieties (sufficient for 1,000 hills).....\$3.75



Henderson's Country Gentleman

Introduced by Peter Henderson & Co., 1892

The Most Delicious Sweet Corn in the World

Plump, Pearly-white, Milky Kernels, Fairly Melting in the Mouth

107 When we first placed this Corn before the public in 1892, it created a great furore among Corn lovers—and who is there in America who does not enjoy "green Corn on the Cob".

These first impressions have been fully justified by later experiences, and the Country Gentleman Corn has become justly famous all over the United States and in some foreign countries as well. It is at once the delight of the epicure and a luxury within the reach of everybody.

It is of nectar-like sweetness, luscious, tender and milky, and remains "in the milk" longer than other Sweet Corn. The ears measure 8 to 9 inches in length, and the plant is very prolific, often producing three ears to a stalk. It is a slow-maturing variety and arrives at full perfection just in time to succeed the earlier varieties. (See illustration.)

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Henderson's

Golden Country Gentleman

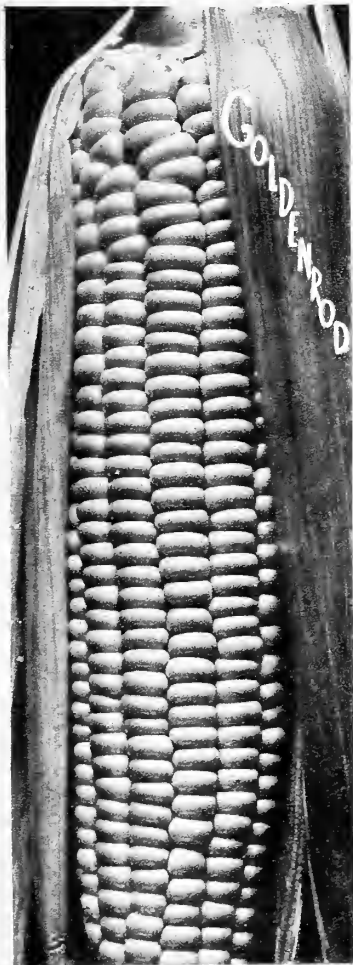
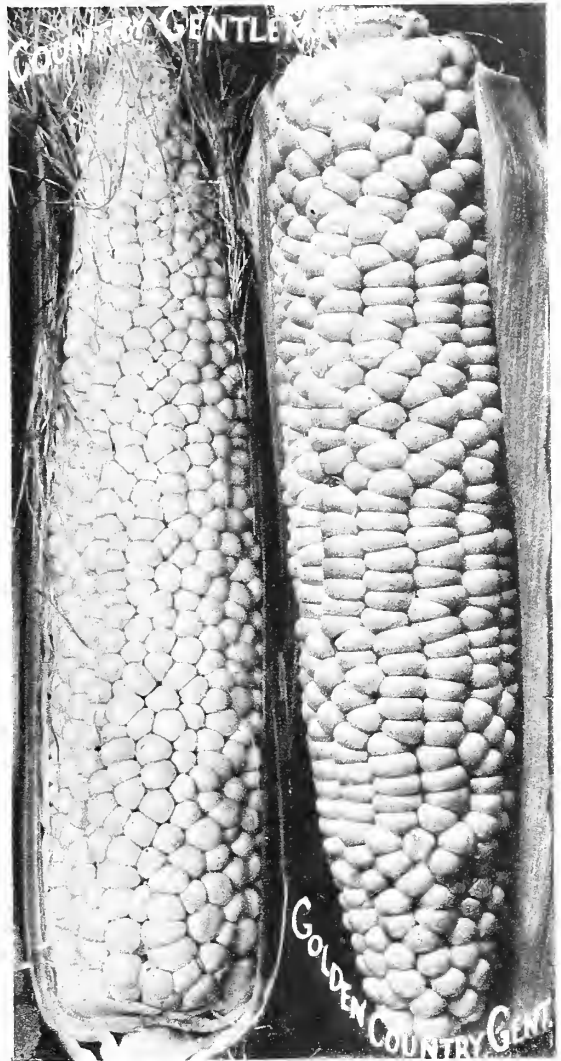
Introduced by Peter Henderson & Co., 1926

123 Six years ago we conceived the idea that it would be a great accomplishment if we could combine the nectar-like sweetness and milky character of Country Gentleman with a golden variety.

Our efforts were rewarded with unlooked-for success in retaining, as we have been able to do, all the sugary sweetness, tenderness and lusciousness of the original Country Gentleman with the rich golden color now in such favor with lovers of sweet corn. Its appearance is most inviting—the color being a glistening, glowing, golden yellow, hard to describe or even to reproduce in a colored plate.

The ears are not quite as large as white Country Gentleman but the remarkable depth of kernel characterizing the original variety is fully retained in the new, as well as the ball-shaped ends of the kernels. It matures a few days earlier than the white. (See illustration.)

Price, pkt. 15c.; pt. 75c.; qt. \$1.25; 4 qts. \$4.50; transportation paid.



Henderson's Golden Rod

Delicious Golden Grains of Rich Flavor

121 When the existing yellow or golden colored varieties were introduced, it was hard to convince the public of their value; but as everyone who tasted them became enthusiastic in publishing their praise, they soon came into favor.

Golden Rod is the result of a cross between Stowell's Evergreen and Golden Bantam, and proves to be a happy and complete blending of each sort. The ear is just large enough for ordinary consumption. The plants are 6 to 7 feet high, and bear on each stalk, at a convenient height, two ears packed with delicious golden grains of appetizing flavor. (See illustration.)

Price, pkt. 15c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; pk. \$5.50; transportation paid.

Stowells Evergreen

130 Long recognized everywhere as a standard variety, both for home use and market, and is a general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other.

Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Late Mammoth

124 A very late variety, producing mammoth ears often 10 inches long, well filled with large broad, white kernels of superb quality.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Pop Corn

Every garden should contain at least a couple of rows of pop corn. It will be particularly prized by all the members of the family when sitting by the fireside during the long winter evenings.

Sow 1 lb. for 200 feet of row, 4 lbs. per acre. The Pop Corns we offer are shelled.

6641 Japanese Hulless. This variety is also known as Australian Hulless and Tom Thumb.

It is quite dwarf in habit and produces an immense yield of short, thick ears about 4 inches long and 2 inches in diameter. It is classed as a Rice Pop Corn but the kernels are longer and not as broad as the rice varieties.

It will make more popped kernels than other kinds, and they will be found tender, delicious, and without hulls or shells. Price, pkt. 10c.; lb. 30c.; transportation paid.

6642 White Pearl. Smooth, large white grains. Price, pkt. 10c.; lb. 25c.; transportation paid.

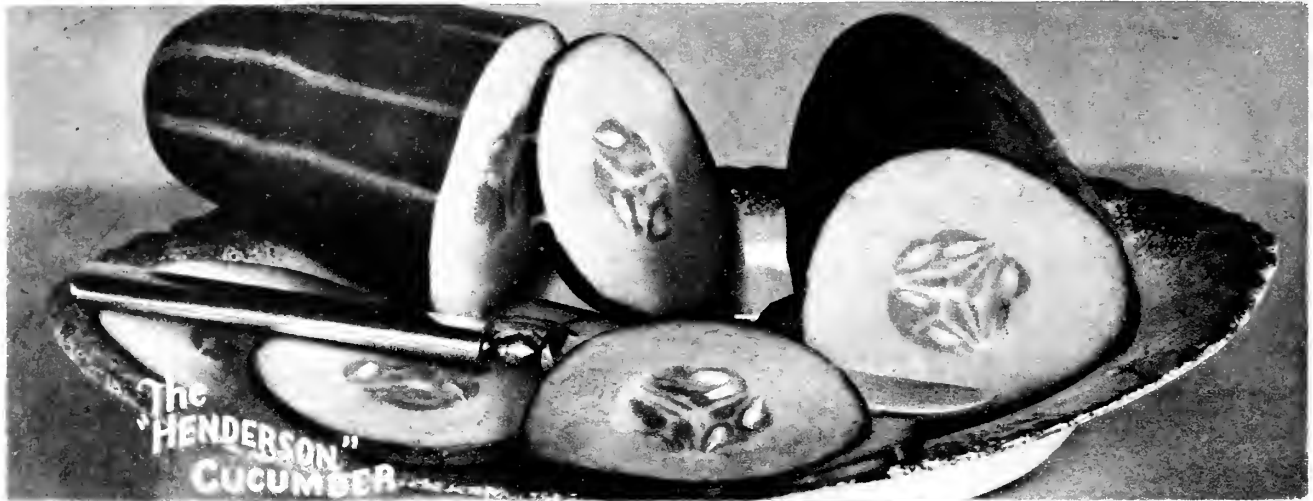
6640 Amber Pearl. Very early 8 to 10-inch ears; amber-colored kernels, popping white. Price, pkt. 10c.; lb. 25c.; transportation paid.

6644 White Rice, or Rat Tooth. Early white-pointed kernels. Price, pkt. 10c.; lb. 25c.; transportation paid.

42 The Most Important Thing in Your Garden is the Seed

CUCUMBER

CULTURE.—1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre. Cucumbers should not be planted in the open air until settled warm weather—in the vicinity of New York about the middle of May plant in hills about 4 feet apart each way. The hills are prepared by mixing with the soil a shovelful of well-rotted manure. Plant 8 or 10 seeds in each hill. Thin out the plants, leaving 3 or 4 of the strongest to each hill.



The "Henderson"

Extra Early—Healthy Vines—Prolific—Handsome

416 Perfection has been attained in this grand improvement in the White Spine family. A fact that is almost universally recognized by market growers, because there is more of this variety grown and shipped to market than all the other cucumbers combined. It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits of an intensely rich deep green color, faintly marked with light yellowish shading toward the tip. It runs very close to type, bearing practically no misshapen fruit or culls. It is the ideal for slicing; the flesh is compact, fine grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous, quite healthy, and mildew-proof, maintaining their luxuriance and bearing abundantly from the earliest to the latest season. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$1.75; transportation paid.

Henderson's Cool and Crisp

Firm and Crisp—Bears the Whole Season

392 An extra early, exceedingly prolific and continuous-bearing variety; a very distinct and attractive selection of the old White Spine class; the shape is unique, rather longer than most sorts, tapering at each end, slightly ridged throughout, with but few "knobs." The color is a beautiful dark green, shading off a little toward blossom end. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Davis Perfect

394 A well bred selection of the White Spine type, distinguished by the long slim character of the fruits. It has excellent color and the flesh is very crisp and delicate in flavor. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Standard Varieties

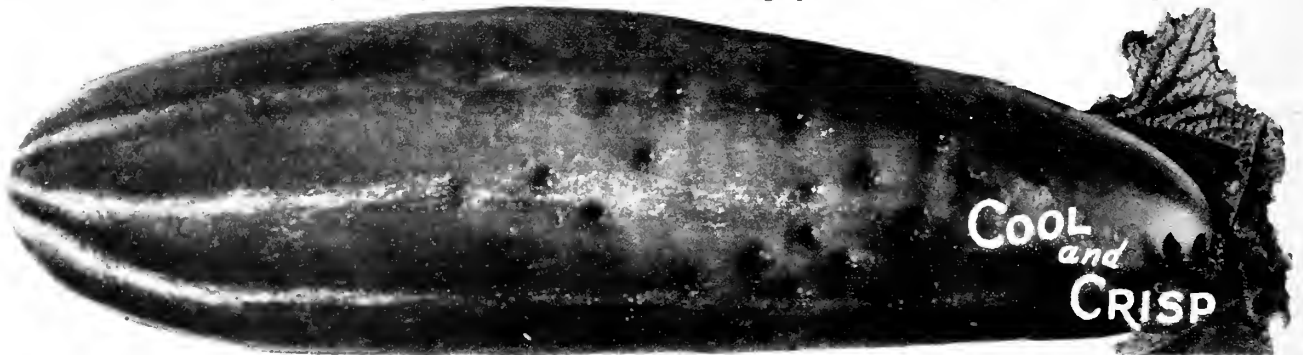
- 411** **Cucumber Chinese.** See page 71. Pkt. 20c.; 3 pkts. 50c.
- 398** **Early White Spine.** Vines vigorous and healthy, bearing, large even-shaped fruits of light green color; crisp and of fine flavor. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.
- 402** **Extra Early Green Prolific.** An early strain of the Green Prolific type but far more productive; the best pickling variety grown. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.
- 408** **Japanese Climbing.** May be grown on a trellis, taking up less room in the garden and keeping the fruits clean. Thrives during dry, warm summers. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.
- 412** **Long Green.** Dark green fruits; quality firm, crisp and excellent. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.
- 414** **Short Green Gherkin.** A thick-set, small, green Cucumber, borne in abundance, and used exclusively for pickling. Price pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.
- 418** **West Indian Gherkin, or "Burr" Cucumber.** Small, oval green fruits, about 2 inches long, covered with soft prickles. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.50; transportation paid.

Longfellow

411 On account of the vigorous habit of this variety it is less subject to plant diseases than any other sort. It produces fruits 12 to 14 inches long of a beautiful dark olive green color, and when picked at the proper stage of growth comes near, both in quality and appearance, to the high-class cucumbers grown under glass and sold at such high prices in the city markets. Price, pkt. 20c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

English Forcing Cucumber

- Cucumbers for frames or greenhouses. Packets contain 12 seeds.
- 425** **Every-day.** The plants set freely at all seasons of the year, hence the name. **First-Class Certificate, Royal Horticultural Society.** Price, pkt. 50c.
- 426** **Lockie's Perfection.** Favorite old standard variety. Pkt. 30c.
- 429** **Matchless.** One of the most prolific varieties; fruit smooth, dark in color, admirable in form, of the highest quality. **First-Class Certificate, Royal Horticultural Society.** Price, pkt. 50c.
- 430** **Telegraph.** Smooth fruits, 14 to 16 inches long. Pkt. 30c.



Mr. John Ludwig, of Grand Isle, La., says: "Never was anything like the 'Henderson' Cucumber on this island. They held their green color through the long late season. Very uniform. I picked cucumbers in 55 days from planting."

Henderson's Seeds are Tested for Purity Before You Buy 43

CULTURE.—Sow seed one-half inch deep in hotbed or greenhouse in March or April; when an inch high, put in two or three-inch pots. Plant out, late in May or early June, two feet apart in rows two and one-half apart. Or seeds may be grown in any light room where temperature averages 75 deg. 1 oz. for 1,000 plants.

Henderson's Improved New York Spineless

450 Our superior stock of this popular variety produces a large crop of shapely, purple fruits of liberal size and perfect quality.

The plant is of low growth with a vigorous branching habit, strong enough to support its massive fruits and compact enough to economize space. It is very prolific, the plants usually bearing 8 to 10 immense fruits of superb quality before being killed by frost. (See illustration.)

Price, pkt. 15c.; oz. 85c.; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00; transportation paid.

Black Beauty

446 An early variety, handsome, large and of great merit; a prolific producer of uniformly large, purple-black fruits of fine quality, developing with great rapidity and ready about two weeks earlier than other large sorts.

Price, pkt. 15c.; oz. 85c.; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00; transportation paid.



EGG PLANT

Early Long Purple

448 Early Long Purple is very early, hardy variety; in fact, about the earliest egg plant to mature. The fruits are club-shaped, dark purple in color, and 6 to 8 inches long. Pkt. 15c.; oz. 85c.; $\frac{1}{4}$ lb. \$2.50; transportation paid.

Dandelion

435 Common. Pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

437 Improved Thick Leaved. Upright habit; broad, heavy curled leaves; very tender. (See illustration below.) Price, pkt. 20c.; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00.

Florence Fennel

The Popular Italian Finocchio

967 It makes an excellent salad and is also boiled for use as a vegetable. The flavor is sweet, spicy and very distinct. It should be sown between July 15th and August 1st. (See illustration below.) Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; all transportation paid.

ENDIVE

CULTURE.—Sow during March or April in hotbed or cold frame cover seed $\frac{1}{2}$ inch, transplant 1 foot apart in open ground in April or May. As endive is used mostly in the fall months, main sowings are made in June and July and transplanted 1 foot apart each way. 1 oz. for 3,000 plants.

Henderson's Golden Heart Summer

A Valuable New Salad Plant. Reaches Perfection in Midsummer

457 Henderson's Golden Heart Summer Endive is a vigorous grower and produces an attractive, very compact plant. As the plant develops the center changes from green to a beautiful creamy-yellow, giving it a most inviting and appetizing appearance, and in fact gives the impression of having been artificially blanched. The leaves, which are crisp and tender, have a delightful nutty flavor that is greatly relished. (See illustration.)

Price, pkt. 15c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; transportation paid.



Broad-Leaved Batavian (Escarolle)

453 Has broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as "greens." Sow in the same way as Green Curled, but thin out the plants to 10 inches apart in the rows. (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

White Curled

461 Finely cut leaves, almost white with yellowish midribs; can be used without blanching.

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

Chicory

365 Large-Rooted. "The Barbe de Capucin" of the French. It is very easy to grow and is also used in summer as greens. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

367 Witloof Chicory. Called also "French Endive." Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.



Green Curled

The "Chicoree Frisee" of the French

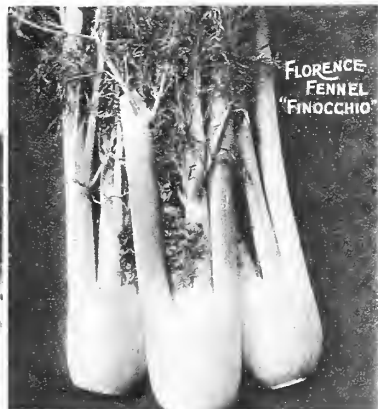
459 An excellent salad plant, available long after the season for Lettuce, and more easily grown. The flavor is pleasantly bitter, stimulating and zest-giving. Is used also boiled as greens.

Green Curled is the best for general use, and is easily blanched by covering the full-grown plants with boards or pieces of slate. Good results come from early spring sowing, and even better, when treated as a fall crop. Successional sowing during July gives a continuous supply after cool weather. (See illustrations.)

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.



Dandelion Thickleaved



FLORENCE FENNEL "FINOCCHIO"

Henderson's Booklet, "Salads, Growing and Blanching," tells about the cultivation of lettuce. Explains how to grow other salad plants. How to force Witloof Chicory, Endive, etc., for winter salads. It is sent free if requested when ordering.



CULTURE.—If wanted for use in late fall or early winter, sow one-half inch deep early in June and transplant middle of July 2 feet apart in rows 2 feet apart. If needed for spring use, sow in April. 1 oz. for 2,000 plants or 150 feet of drill.

KALE

Dwarf Green Curled Scotch

Henderson's Special Selected Dwarf Stock

467 Largely grown for supplying "greens" during the fall, winter and spring; also used small, like spinach; also useful in garnishing. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, the leaves hugging the ground, so that they are not broken off by heavy, wet snow, as often happens with taller types.

Kale should be sown during June and transplanted later for use during fall, winter or early spring. The flavor is best after being exposed to frost. For this reason the crop from summer sown seed is preferable, although it is often used in summer. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

465 Brown German Curled, or Purple Kale. Purplish curly leaves. Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.50; transportation paid.

469 Siberian Kale. Green, curly leaves; tender and of delicate flavor. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

KOHL-RABI

foot apart in rows 2 feet apart in April or May, or sowings may be made in the open ground where the plants are to grow in April or May and for fall use in July. Cover the seeds $\frac{1}{2}$ inch. 1 oz. for 2,000 plants.

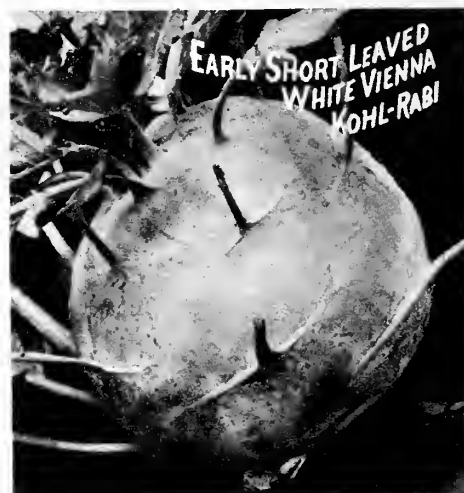
CULTURE.—Seeds may be started in the hotbed or cold-frame during February or March and plants set out 1

Early White Short-Leaved Vienna

473 A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground. It is extremely tender and partakes of the flavor of both Turnip and Cabbage. The bulb is large enough to be eaten in from 10 to 12 weeks from sowing, and as they are more tender and delicately flavored before fully matured, it is advisable to make successive sowings, rather than depend upon a standing crop. Should be in every garden. (See illustrations.) Price, pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00; transportation paid.

475 Early Purple Vienna Kohl-Rabi. The outside color is purple; flesh, white and delicate. Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.

477 Large White Vienna Kohl-Rabi. Large, quick-growing greenish-white and tender white flesh. Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.



LEEK

CULTURE.—Sow early in April or May, in drills 18 inches apart, cover the seed $\frac{1}{2}$ inch deep, the plants should be thinned to stand 4 to 6 inches apart in the row or for very early the seed may be started in cold-frame or hotbed in February or March and be transplanted when large enough as deep as possible without covering the center leaves, that the neck may be blanched. 1 oz. will sow 100 feet of drill.

Large American Flag

480 The Leek is closely allied to the Onion. The entire lower portion of the plant is used, which is smooth, solid, and generally the same thickness throughout. It is boiled whole, or used in soups; the young plants make excellent "Scallions." The flavor is mild and preferred by many for this reason. American Flag is the best variety for general use and is largely grown for fall and early winter use. It is of quick, strong growth, producing long stems of uniform shape and size, averaging 2 inches through by 10 inches long, blanching beautifully white, and of fine, mild flavor. (See illustration.)

Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.



Musselburgh or Scotch Champion

482 This is the best variety for winter and spring use, being very hardy; it keeps well when earthed up. It produces stocky stems about 3 inches through by 6 to 8 inches long. Prices, pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50; transportation paid.

CULTURE—For early crops, start the end of February, in a cold-frame or indoors in a box of soil at a sunny window. Cover the seed not over one-eighth of an inch. The seedlings should be ready for setting outdoors in April. Set the plants one foot apart in rows eighteen inches apart. Seed may also be sown during April or May. For a Fall crop sow seed during the month of August.

LETTUCE

Henderson's Big Boston

Introduced by Peter Henderson & Co. in 1890

A Grand, Large Cabbage Lettuce. The Best Head Lettuce on Earth. More Extensively Grown Than Any Other Lettuce. Big, Compact, Tender and Crisp, Creamy-White Heads.

492 This grand variety, introduced by us, has proved to be a most valuable addition to our list of salad plants, whether grown in the open ground for early summer and fall use, in frames for spring, or forced cool in greenhouses for winter use. It invariably gives both grower and user the utmost satisfaction, producing under ordinary favorable conditions, splendid, large, creamy-white heads, packed with thoroughly blanched leaves, crisp, tender and sweet, delighting both the palate and the eye. This grand variety makes a handsome plant, with but few outside leaves, and stands long before bolting to seed. Big Boston is one of the best large-head Lettuces, and, while it succeeds at all seasons, except during the very hottest months, it is peculiarly adapted for late fall culture.

Large areas of it may be seen in the vicinity of New York as late as Nov. 15th; a slight covering of salt marsh hay amply protecting the plants from hard frosts, which, when cut for market, are as fresh, bright and untinged as at any season. Thousands of acres of it are grown during the winter in Florida and other Southern States for shipping to Northern markets. In every State it is wonderfully popular; in fact, we know of no other variety that gives such general satisfaction under such varying conditions. As many of our customers have said: "It is the best Head Lettuce on earth." (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.25; transportation paid.



HENDERSON'S

Early Butternut

Introduced by Peter Henderson & Co., in 1923

Valuable for Forcing in the Frame Earliest Head Lettuce for Growing in the Garden

499 Of the popular butterhead type this Lettuce is valuable not only for forcing, but for its compact, creamy-white heads. It is five days earlier than any other. Many growers have experienced difficulty in forcing Lettuce in frames on account of mildew and other fungus diseases. Our trials have proven that **Henderson's Early Butternut Lettuce** is immune. (See illustration.) Price, pkt. 20c.; 3 pkts. for 50c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25; transportation paid.



Henderson's New Lettuce

1928
Novelty

"Krispheart"

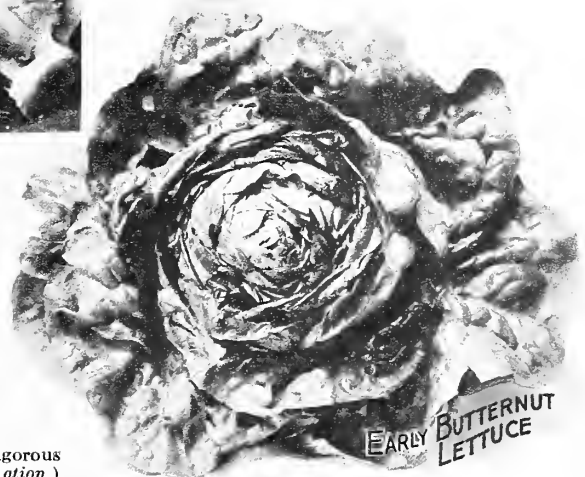
A New
Origination

Delicious - Cooling - Refreshing

513 This is a new and distinct variety the result of a cross between a Butterhead Lettuce and a Cos Lettuce. It possesses the delightful tender quality of the former and the attractiveness and cooling crispness of the latter parent. The plant is small and very compact, being practically all heart. These features make it very desirable for home gardens as it may be planted very close together. The close upright habit of growth tends to keep it clean and free from grittiness, thus making it ideal to serve in halves or quarters.

Krispheart is a sure header, the outer leaves are dark green, denoting a vigorous constitution, but the heart is a blending of gold and cream. (See illustration.)

Price, pkt. 25c.; 5 pkts. \$1.00; oz. \$2.00; transportation paid.



Ninety per cent of the Lettuce used in America is grown from Henderson's Big Boston and New York Varieties.

46 The Most Delicious and Healthful of all Salad Plants

Henderson's New York

LETTUCE

Introduced by Peter Henderson & Co. in 1886

Immense Heads as Solid as a Cabbage. Blanches Beautifully. Crisp, Tender and Free from Bitterness

520 The King of Main Crop Head Lettuce. It produces immense heads, often 10 and 12 inches across, and weighing enormously. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness.

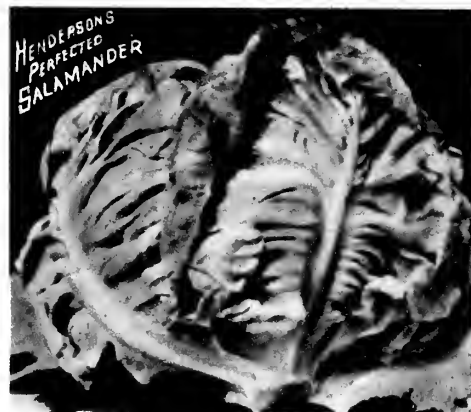
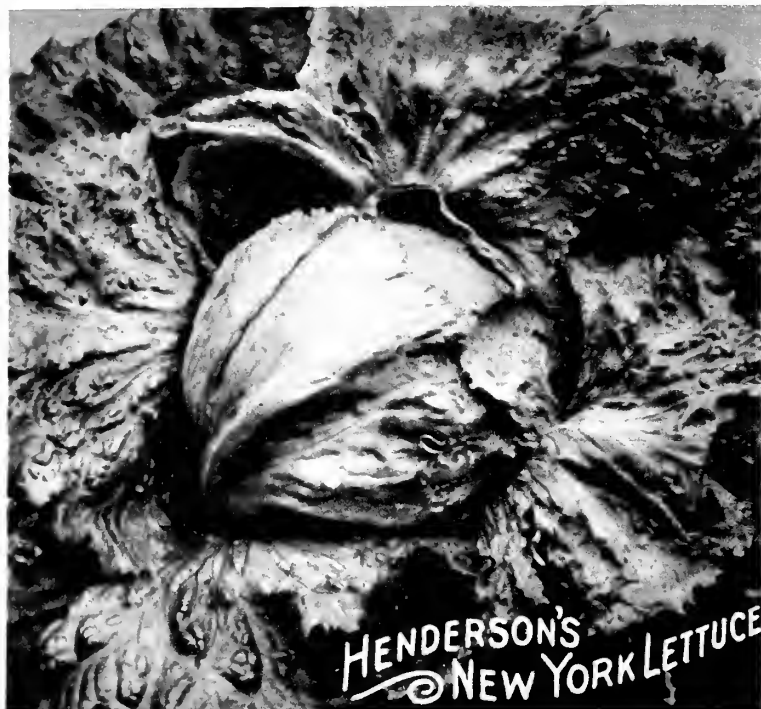
It is a very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple green.

We introduced this variety a number of years ago, and it has been extensively grown by our customers in almost all sections of the country and from whom we receive most gratifying reports. As a standard main summer crop, hot weather Lettuce, it is in every way desirable and has no equal, but is not recommended for forcing. (See illustration.)

Price, pkt. 15c; oz. 40c.; 1/4 lb. \$1.20; lb. \$4.00; transportation paid.

Important Notice Regarding Henderson's New York Lettuce
This Lettuce was introduced by Peter Henderson & Co. in 1886, and the seed has been sold by us continuously ever since.

During the past few years growers have been shipping to the principal markets of the country vast quantities of New York Lettuce under the name of Iceberg. All of this has been grown from seed of Henderson's New York, which is the true name of the variety.



Henderson's Perfected Salamander

A Splendid Summer Variety

522 Salamander is one of the few varieties that will head well during hot weather. If the instructions given on lettuce culture in our booklet, "Salads, Growing and Blanching," are followed, success is assured with Salamander. It will grow equally well as an earlier crop, but is excelled by others for fall use. It forms a good sized, compact head, creamy-white in color, and has all the rich flavor of the "butter" Lettuce. (See illustration.)

Price, pkt. 10c.; oz. 30c.; 1/4 lb. 90c.; lb. \$2.50; transportation paid.

Henderson's New Butterhead Lettuce

"Delicacy"

Introduced by Peter Henderson & Co. in 1926

A Uniform and Sure Header. Very Slow in Shooting to Seed. A Wonderful Second Early Variety.

501 Henderson's New Lettuce, Delicacy, is a variation of the Cabbage Butterhead Lettuce section, and among the many improvements noted in it is the very important one of being **Slower to go to seed than any other variety**. This is, of course, a great claim for us to make; but our tests and experiences with it for four successive seasons under varying climatic conditions amply justify us in making the assertion.

Everyone will agree that another great requisite in a lettuce for private uses is **QUALITY** first and always. This is a characteristic in a superlative degree of **Henderson's New Butterhead Lettuce, DELICACY**. Our plant expert who has been working upon it describes it as being a second early lettuce of medium size, with close compact heads, and with outer protecting leaves of a decided bronze color. The inner leaves and the heart are of a delicate creamy yellow, very attractive and alluring. It grows to a uniform size; is a sure-header and we feel that it is a very great acquisition to our list of quality lettuces. (See illustration.)

Price, pkt. 20c.; 3 pkts. for 50c.; oz. \$1.00; transportation paid.

"I congratulate you on your latest introduction in the Lettuce section of your catalogue. Henderson's Delicacy is certainly the best and finest I ever grew."

Rev. R. H. MARKS,
South Hill, Va.



Of all the Salad Plants grown, Lettuce stands pre-eminent because of its blood enriching and tonic properties, and at the same time is not fattening. Our booklet, "Salads, Growing and Blanching," may be had free on request when ordering.

Henderson's Mignonette

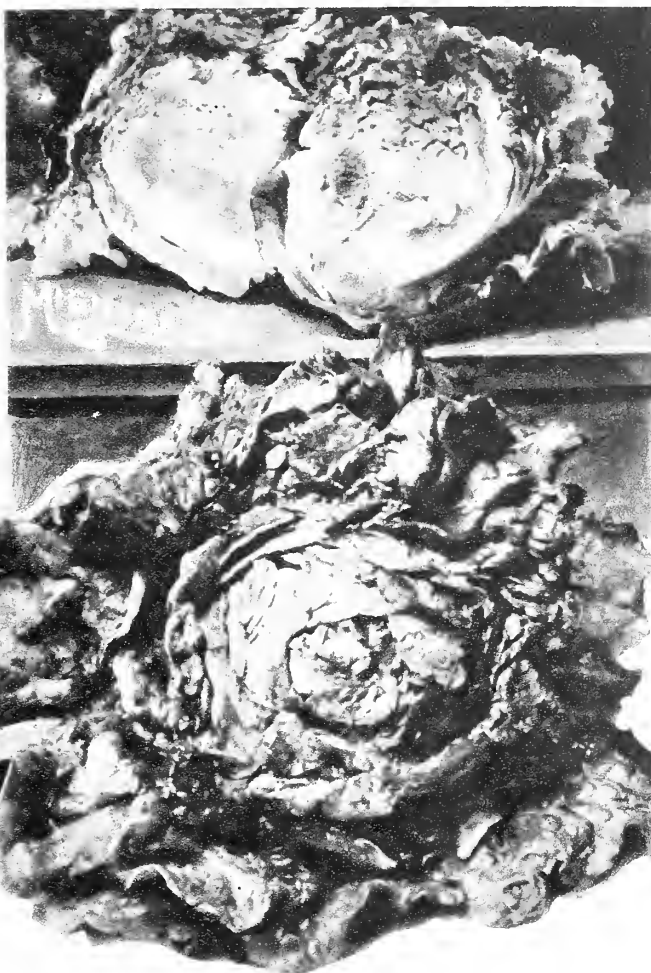
Introduced by Peter Henderson & Co. in 1895

**A First Early, All Heart, Delicious Gem—
Ideal for the Home Garden**

518 A delicious gem of a lettuce that only the home gardener can enjoy. It cannot be bought on the market, as market gardeners would not consider it profitable on account of its small size. However, for the home gardener who demands quality above all else, Henderson's Mignonette is the ideal sort for him to grow. Customers have told us that the place occupied by Golden Bantam among Sweet Corns, is destined for Henderson's Mignonette in the lettuce family. It is a deliciously sweet flavored tender morsel with that creamy-white melt-in-your-mouth appearance, that is bound to revitalize jaded appetites especially during the torrid days of midsummer. The outer leaves have a bronzed appearance.

It is extremely hardy, and is the best sort for early spring use, for cold frame culture or for an outdoor winter crop in the Southern States. It is very early and heads quickly and surely, being slow to go to seed. The diminutive plant permits it to be set as closely as 5 inches apart; an obvious advantage to many. (See illustration.) Price, pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00; transportation paid.

"I want to tell you what a success I had with your Mignonette Lettuce. It was the first of several varieties to head and the last to run to seed. It is the best of them all."—JAMES T. WOODWARD
Columbia, S. C.



Henderson's Unrivalled

Introduced by Peter Henderson & Co. 1918

**Succeeds at All Seasons, Early, Tender,
Crisp and Buttery**

528 This is a new variety, and has proved to be a very valuable acquisition to the Lettuce family. It is very early in the maturing, being fit for use about the same time as Henderson's Big Boston, which it resembles somewhat in appearance and in the size of the head. Henderson's Unrivalled Lettuce is apple green in color, shading to creamy-white at the center of the head, which is formed of closely wrapped crisp leaves, giving it great compactness of form. We highly recommend this sort, feeling confident that it will become a prime favorite. (See illustration.)

Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.

Henderson's Golden Queen

506 A desirable first early heading variety for either open ground or frame culture, it is also one of the best forcing lettuces. The heads are medium sized, solid, crisp and tender. Golden yellow in color.

Price, pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50; transportation paid.



Our booklet, "Salads, Growing and Blanching," may be had free on request when ordering.

May King

Good for First Outdoor Planting

516 This early butter-head variety of Lettuce is very well suited for the first outdoor planting.

The heads are of a medium size and very compact in form, being very tightly wrapped. The hearts are creamy yellow in color, very tender and crisp, and of excellent flavor. May King is a sure header and is bound to give great satisfaction.

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

Henderson's Tenderheart

Introduced by Peter Henderson & Co. in 1906

524 The heads are compactly formed of densely packed cream-colored heart leaves of fine quality and mild sweet flavor. It is a good all season variety and stands the heat well. Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

White Big Boston (New)

529 This is the butterhead class forming medium size head which are very compact and of excellent quality. It resembles somewhat the Big Boston but lacks the red tinge which Big Boston has on the outer leaves. The heads being solid pale green in color change into a very light creamy white in center. A sure header. Price pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

48 Our Booklet "Salads Growing & Blanching" Sent Free

Henderson's Grand Rapids

The Great Lettuce of the Great West. Indoors or Out,
the Easiest of All to Grow

508 This is probably the best of the loose-leaved varieties. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittle character. In this respect it excels many of the best heading varieties.

In the Middle West, and in many other sections, it is extremely popular. We strongly urge those who cannot succeed in getting Lettuce to head to grow Grand Rapids. The plant may be cut whole, or the outside leaves may be removed, leaving the younger ones to grow. It is largely grown for forcing. (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$2.50; transportation postpaid.

Black Seeded Simpson

496 The plants forming large, loose masses of curly and crumpled yellow-green leaves, which are very tender, crisp and delicious. It stands the summer heat splendidly and is practically everbearing, for as the leaves are picked new leaves will grow.

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

Early Curled Simpson

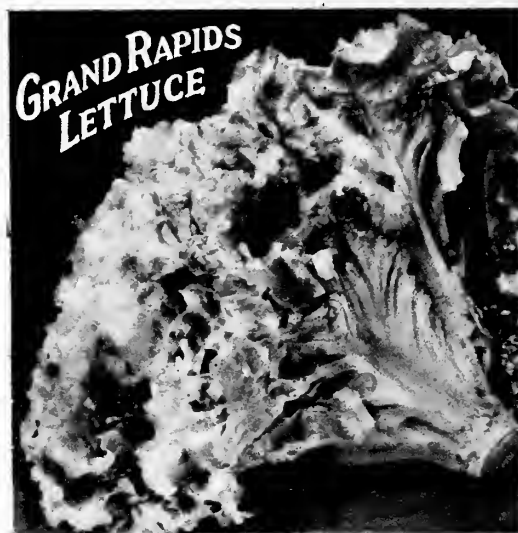
502 Forms a compact mass of yellowish green, curly leaves; earlier than head Lettuces.

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.

"I am the third generation of my family raising Henderson's seeds and plants and never have known any generation to have been dissatisfied. The best proof is my enclosed order."

W. SCOTT KOOSER, Hollis, L. I., N. Y.

LEAF and COS VARIETIES LETTUCE



Henderson's New Cos or Romaine Lettuce

"Crispycos"

Introduced by Peter Henderson & Co. in 1926

The Earliest Romaine in the Garden. The Earliest and Best for Crops Under Glass

503 Romaine, or Cos Lettuces, as they are variously called, have been great favorites in Europe for a century; but they never attained much popularity in America until we introduced our variety **Trianon** a few years ago. Since that time they have become known to a much larger number of people than before, and therefore much more popular as the appetizing flavor of Romaine is more and more appreciated by salad lovers.

Henderson's New Romaine Lettuce "**CRISPYCOS**" is in many respects a decided improvement upon **Trianon**. Its great recommendation is that it does not readily run to seed, and also that it is one of the best varieties for an early crop under glass. "**Crispycos**" is undoubtedly a very fine lettuce of good green color with broad leaves, folding well in at the top, and producing hearts crisp and sweet. Everybody should try Henderson's "**Crispycos**" Lettuce. (See illustration.)

Price, pkt. 20c.; 3 pkts. for 50c.; oz. \$1.50; transportation paid.

Henderson's Romaine or Cos Trianon

526 **Trianon** is by far the best of the Cos, or Romaine, varieties. These are becoming very popular; they have a distinct and pleasing flavor. The long spoon-shaped leaves form oval-shaped heads, and are easily blanched by gathering the outer leaves at the top and loosely tying them with soft string, several days before wanted for the table. Romaine Lettuce may be used to advantage where the heading varieties do not succeed, as almost the entire plant is tender and palatable.

Price, pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00; transportation paid.

A New Introduction for 1929

Bronze Cos Lettuce

497 This is a very hardy variety of excellent flavor, just as appetizing as the other varieties of Cos Lettuce. The outer leaves are reddish bronze, shading to a lighter color underneath. It is remarkably slow in running to seed. Price, pkt. 20c.; 3 pkts. 50c.; transportation paid.

Henderson's "Succession" Collection of

530 Superior Head Lettuce

Mignonette for Extra Early. Described on page 43.

Salamander for Second Early. Described on page 42.

New York for Main Summer Crop. Described on page 42.

Big Boston for Spring and Fall Crop. Described on page 41.

Price—the Collection—1 packet each of the above four Superior Head Lettuces for 40c.; 1 oz. each \$1.10; transportation paid.



If part of your garden is higher, or better drained than the rest, reserve it for your crop of earliest vegetables. Your garden will be ready for working a week earlier in spring, if it is dug up in the fall.

Grow Henderson's Hi-Bred Cantaloupes for Spicy Flavor 49

1 oz. for 60 hills; 2 to 3 lbs. for an acre.

CULTURE.—Plant in hills about four feet apart. Plant eight or ten seeds in each hill one inch apart and three-quarters of an inch deep about the middle of May for latitude of New York, for south earlier, for further north later, and thin out all but three or four of the seedlings.

MUSKMELON

or Cantaloupe

Henderson's Early Hackensack

Deliciously Flavored, Very Productive

537 A large green-fleshed variety, round, slightly flattened from the stem to the blossom end, very deeply and broadly ribbed, with bold, strongly defined netting. The flesh is very thick, rich in appearance and delightful in flavor. This type of Melon (once almost entirely superseded by the oval-shaped sorts) is rapidly coming into favor again.

It is a selection which we originated from the famous Hackensack many years ago, and is well worthy of more extensive cultivation. The fruits are not so large as the older sort, but weigh from 5 to 6 lbs. each. It is fit for use immediately after the very early sorts. (See illustration.) Price, pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$2.00. Transportation paid.

Honeydew

542 The flesh of this variety is green verging on creamy yellow in color, thick and succulent, with a very small seed cavity. It is a remarkably sweet Melon and has a flavor peculiarly its own; quite distinct from all other varieties.

The fruits measure 8 to 9 inches long and about 6 inches in thickness, are light cream in color, and almost entirely devoid of netting. The Melons should be allowed to ripen thoroughly before serving. Honeydew is grown principally in California and Colorado for shipment to northern markets. Price, pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$3.00. Transportation paid.

Emerald Gem

539 No variety surpasses this for flavor; the thick salmon-colored flesh is granular, rich and delicious. It is exceedingly early, prolific and long-bearing; fruits small, smooth-skinned, deep emerald-green with light stripes. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$2.00. Transportation paid.

The "Henderson" Bush

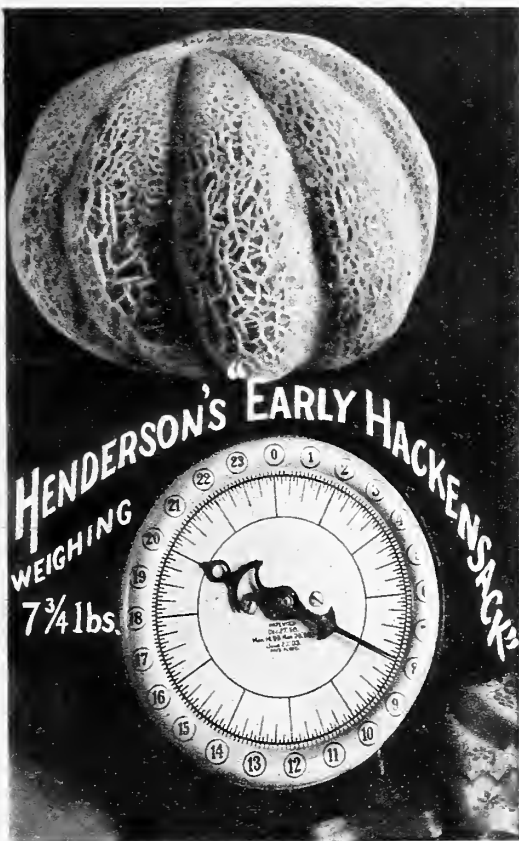
535 Radically different from any existing kind. The bush character is attained by a shortening of the stem between the joints. There are just as many leaves on the plant as on other kinds, but these grow so compactly that the plant can be grown on one-half the space usually required. The fruit is small, but fully equal in quality to the old and justly esteemed Netted Gem, which is noted for its flavor. They are produced in abundance. Price, pkt. 15c.; 4 pkts. 50c. Transportation paid.

Miller's Cream or Orange

545 Medium to large, slightly oval and handsomely netted; flesh rich salmon, deep, firm, sweet and melting. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75. Transportation paid.

Tip Top

559 One of the best salmon-fleshed sorts; bears an enormous crop of large fruits of delicious quality. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50. Transportation paid.



Fordhook

558 The flavor is full and delicious, and is considered quite equal to that of the Emerald Gem.

The flesh is the color of the rind of a well-colored orange and is solid and firm. The vines of Fordhook are vigorous and healthy and the fruits begin to set close to the hill and keep on outwards to the end of the vine all the season.

The Melons are ribbed and the same size as Rocky Ford, well protected by a heavy netting. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00. Transportation paid.

English Forcing Muskmelons

For Culture Under Glass

562 King George. A very distinct scarlet-fleshed Melon, skin buff-yellow, finely and evenly netted, and the seed cavity very small. The fruits often weigh 5 to 8 lbs., and the flavor is so rich that it cannot fail to be appreciated. Very suitable for cultivation under slightly cooler treatment than is necessary for many Melons. Price, pkt. 50c. Transportation paid.

563 Ringleader. Fruit above the average size, beautifully netted over the entire surface. Flesh pale green, extremely thick, with a most delicious flavor. The plant ripens very early, and does well in frames. Price, pkt. 50c. Transportation paid.

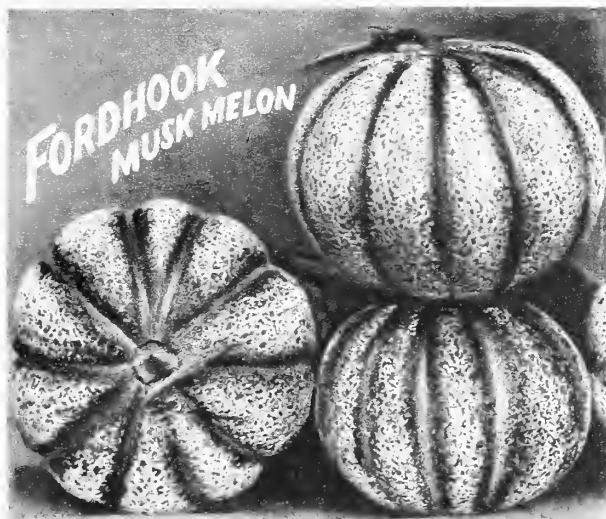
564 Universal. Fruits large, with an attractive yellow skin, boldly netted. Flesh deep, melting, and most excellent in flavor. Price, pkt. 50c. Transportation paid.

HENDERSON'S FAVORITE COLLECTION OF DELICIOUS MUSKMELONS

Described on this and the next page

560 Rocky Ford Emerald Gem
Early Hackensack

Coll. of 3 pkts. 25c.; 1 oz. each, 50c. Transportation paid.



For Large Luscious Melons, Use Garden Fertilizer

Muskmelon or Cantaloupe—cont'd

Hale's Best



546 "Hale's Best" Cantaloupe is a new salmon-fleshed type similar to Rocky Ford. It is oval in shape, slightly ribbed, well netted and grows larger than ordinary Rocky Ford. Hale's Best is also several days earlier in ripening, is very attractive in appearance, as our photograph shows, and the thick salmon-colored flesh is exceedingly sweet in flavor.

The seed cavity is also comparatively small and it is a very popular variety with shippers and growers for the market. (See illustration.) Price, pkt. 15c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.

Henderson's Rocky Ford

557 This newer type is more rounded, the rib less prominent, and the outer surface of the fruit is densely covered with delicate lace-like netting. The quality and rich aromatic flavor have also been greatly improved. The flesh is green, with a suggestion of pink at the seed cavity, which is peculiarly attractive. It is beautiful in appearance, delightful in flavor, and a general favorite with all. It is safe to say that no Melon has ever come into the New York markets which has sold so readily and at such high prices as the delicious Rocky Ford, often to the exclusion of other varieties. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.



The Burrel Gem Red-Fleshed Rocky Ford

555 This red-fleshed Cantaloupe is ideal for either the home garden or for market. The fruits average 6 inches in length, $4\frac{1}{2}$ inches through, and weigh about 2 lbs. each. The flesh of red-orange is very thick, fine grained and deliciously rich and spicy in flavor. Seed cavity remarkably small; the rind is thin but tough. Color, green, closely interlaced with gray netting; ribs well arched. The vines are healthy, vigorous and very productive. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

Sweet Air

556 This is a money-maker for the planter. It is oval in shape, only slightly ribbed, but very deeply netted.

The golden hue of the skin gives it a very attractive appearance and the thick green flesh is delicious in flavor. Pkt. 15c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.

Perfecto Perfecto

554 A medium sized Melon of the Rocky Ford type, finely netted and very attractive in appearance. The flesh is thick and of fine texture showing no trace of stringiness, the seed cavity is quite small, and the flavor is unsurpassed.

Hostesses prefer this variety because it is just the right size for half portions. We strongly recommend it. (See illustration.) Price, pkt. 15c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.



Perfecto Perfecto Musk Melon

Henderson's Favorite Collection of Delicious Muskmelons

Described on this and page 49

560 Rocky Ford
Emerald Gem
Early Hackensack
Coll. of 3 pkts. 25c.; 1 oz.
each 50c. Transportation
paid.

This is a perfect assortment. Try them this year.

Lake Champlain

544 An extremely early and productive sort. The plant possesses an unusually vigorous constitution and the fruits set freely under the most adverse weather conditions. They are medium in size, round with flattened ends. The deliciously sweet flesh is of a deep rich golden color. Price, pkt. 15c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.

Hearts of Gold

540 Undoubtedly the best of the red or orange-fleshed varieties. The Melons are medium in size, but present a very fine appearance, the rind being very firm and closely netted, each vein appearing as if highly embossed on the surface. The flesh is a rich deep orange-scarlet in color, very fine grained and deliciously sweet. (See illustration.) Price, pkt. 15c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00; transportation paid.





Cole's Early

North Rivals South With Cole's Early

567 If you have failed with other sorts you can succeed with Cole's Early. It is the best variety for the family garden, primarily so on account of its extreme earliness, but mainly because it has all the qualities necessary to a perfect variety for this purpose.

It is good in every respect, producing a liberal crop of Melons 12 inches long and 9 inches in diameter, not large but in abundance and of delicious quality. The deep red fine-grained flesh ripens from heart to rind, while its rich color and luscious flavor are tempting to the most exacting taste. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.

Martynia

532 Proboscidea. Produces long seed-pods, which gathered half-grown, are green and tender. Price, pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.30; lb. \$4.00; transportation paid.

Mustard

583 Chinese. Large, succulent leaves, pleasantly pungent. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25; transportation paid.

586 Fordhook Fancy. The ordinary Mustard Plant is usually eaten as a salad only; but Fordhook Fancy is used cooked like Spinach as well as eaten raw as a salad. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

587 Giant Southern Curled. A favorite in the South, where it is sown in the fall for spring salad. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25; transportation paid.

589 White London. Used in salads and garnishings. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25; transportation paid.

WATERMELON

CULTURE—Watermelons thrive best in warm latitudes, although in warm, sandy soils in the latitude of New York fine crops are often obtained. Cultivate exactly as for Muskmelons. Hills should be eight feet apart. One oz. for 30 hills.

565 Citron. Red seeded. Small round fruits, for preserves only. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

569 Cuban Queen. Large oval Melons; striped dark and light green; flesh red and excellent quality; the best late sort. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

568 Dixie. The Melons are oblong in shape with black seed; flesh bright red, thin rind. Prices, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

572 Excel. Tough, elastic rind; dark green, oblong in shape, late. The Melons often reach a weight of 60 lbs. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.

574 Florida Favorite. One of the earliest and best of the large oblong Melons; succeeding further north than other large varieties. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

570 Halbert Honey. The Melons average 18 to 20 inches in length; 6 to 8 inches in diameter. Color of rind a clear, glossy, deep green. The flesh is a beautiful crimson, extending clear to the rind. Excellent for home garden and local market. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.

571 Ice Cream. (White-seeded.) A medium-sized, almost round Melon, succeeding well in the North. Skin light-green, faintly mottled flesh scarlet and solid. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

566 Irish Gray. The Melons are long and large, with a distinctive gray-green skin. The flesh is firm, crisp, and remarkably sweet. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.

573 Kleckley's Sweet. An oval-shaped variety, with dark green skin and thin rind. The bright scarlet flesh is extremely sweet. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

578 Mountain Sweet. An old favorite; oblong, dark green fruits, rind thin; flesh red, solid and sweet. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

576 Sun, Moon and Stars. The circles and stars imprinted on its rind are certainly an extraordinary variation from the usual type. Delicious taste, can be successfully grown in most parts of the United States. Price, pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25; transportation paid.

580 Stone Mountain. A large melon nearly round but somewhat blunt at the ends. The color is solid dark green with faintly indicated broad ribs. This Melon is too large and the rind is too thin for long distance shipping, but is a wonderful Melon for the private garden. The flesh is bright scarlet in color, with very small seeds and the flavor is delightful. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.

579 Sweet Siberian Henderson's. A Russian variety; splendid for Northern climates. It is of oval shape, medium size, dark green, faintly mottled; thin, tough rind; flesh deep orange-buff and very sweet, early and productive. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.

581 Tom Watson. Long oval shape, thin but tough rind; bright scarlet flesh; excellent quality. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50; transportation paid.

583 White Seeded Chilian. We recommend this addition to our list of Watermelons. This Melon is so tender and sweet that we feel sure it will be a revelation to many. The vines are vigorous and strong-growing, and the Melons are of medium size, round in shape. It ripens very early and is therefore very desirable for Northern sections. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00; transportation paid.





Mushroom Spawn

6770 American Spore Culture Spawn is produced from original spore cultures under the new French process, which permits the indefinite reproduction of selected varieties without dilution of the strain, and free of any trace of the parasitic diseases of the mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs from 1 to 1 1/4 pounds and will spawn about 10 square feet of beds. We keep on hand the cream-white variety which is generally preferred in the markets. (See illustration.) Per brick, 45c.; 10 bricks \$3.50; 25 bricks \$8.50; 100 bricks \$32.50. Purchaser pays transportation charges. If wanted by Parcel Post, send postage according to zone rates. Packed weight of one brick is 2 lbs. Send for our pamphlet *Mushroom Culture*. Sent free on request with orders.

6771 Pure Culture Bottle Spawn. We take pleasure in offering this brand of Mushroom Spawn because it is now used very successfully by large growers. As its name indicates, this spawn is made in bottles under absolutely sterile conditions, so that spores of other fungi, many of them poisonous, insect eggs, weed seeds and all other extraneous matter is excluded. One carton of this spawn equals 5 bricks of ordinary spawn and will spawn an area of about 40 square feet. We include full instructions with the spawn. Price per Carton, \$1.30; 6 Cartons \$7.00; 1 doz. Cartons \$13.00. Purchaser pays transportation charges. If wanted by Parcel Post send postage according to zone rates. Packed weight of one carton is 1 lb.

ONION

CULTURE—One oz. for 100 feet of drill; five to six lbs. in drills for an acre. For an early crop seed may be sown in cold-frames in February or March, transplanting when large enough to handle in April or May. Regular open-ground sowing should be made about the latter part of April or early May in latitude of New York, in soil that has been manured the previous year. Sow about one-half inch deep in rows one foot apart, and thin out to three inches apart in the rows. Weeds in the rows should be removed by hand. If ground is liable to be weedy, it is well to sow a little radish with the onion seed—to mark the row.

Henderson's New Sweet Spanish Onion

Europe's
Choicest

Espanola

For America's
Gardens

The Largest, Handsomest and Mildest Onion in the World

612 The increasing demand in America for these imported Sweet Spanish Onions is due to their phenomenally large size, handsome appearance, sparkling white flesh of very fine texture, delicate tenderness and extremely mild flavor. It has been demonstrated that as large, as fine, and as merchantable Spanish Onions can be grown in the United States as in Spain.

Ideal conditions for their best development are found in locations having a warm long season, deep, rich, well-tilled soil, and an available water supply in case of drought.

Under such conditions great crops of ideal Spanish Onions are produced;

bulbs that will measure 4 to 6 1/4 inches in diameter, and weigh up to 2 1/4 lbs. each, equal in every respect to the imported onions.

Spanish Onions may be grown in any locality where onions will grow, although under some conditions of soil and climate they will always attain their maximum possibility in size, but they may not make big onions more quickly than American varieties.

It has been truly remarked that "it takes two **Prizetakers** to make one **Espanola**." This variety will also surpass others as a summer and fall onion; but it is not a winter keeper. For home consumption they may be pulled at any time during growth; and will be found mild and tender for any use. When transplanting the seedlings see that they are placed 6 inches apart to give the long roots ample feeding ground and encourage rapidity of growth.

An experienced onion grower gives this brief description of **Espanola**: "Bulbs extremely large, almost globular in shape, neck and root disc small and fine; skin light yellow, interior fine grained, and flavor mild, foliage distinctive, a deep green with glossy surface rendering **Espanola** practically immune from fungoid diseases." (See illustration.)

Price, pkt. 15c.; oz. 75c.; 1/4 lb. \$2.25; 1/2 lb. \$7.00; transportation paid.

Henderson's Superior

Large Red Wethersfield

A Leading Variety in all Sections—
Produces Enormous Onions

623 Those who prefer an Onion with an abundance of flavor will be well satisfied with Wethersfield. Indeed, for boiling highly flavored sorts are preferable. This is a general favorite everywhere, and is largely grown both for market and private use. It shapes up very quickly, insuring a good supply during the growing season, while its keeping quality is equal to the best. The exterior color is dark glossy red, and the flesh is faintly tinged with the same color.

Price, pkt. 10c.; oz. 35c.; 1/4 lb. \$1.00; 1/2 lb. \$3.50; transportation paid. Special price on large quantities



Famous Prizetaker

Magnificent in Size—Delightfully Mild in Flavor—A Matchless Keeper—Succeeds in All Sections of the U. S.

613 Prizetaker is at once the largest and most handsome of all American Onions, and is renowned everywhere.

It grows as easily as any other sort, and can be used for all purposes—the young plants as salad, the half grown bulbs in early summer, and the perfect, mature Onion practically at all times, for it keeps so well that it may be used almost the year round. Soon after its introduction, it was exhibited in London, and in the keenest competition with the products of the most skillful growers, earned an "Award of Merit" from the Royal Horticultural Society of England.

Not only does it grow to a large size, but uniformly so. The shape is true globe, broad at the base, tapering sharply at the top.

It is so well-bred that the tops dry down entirely when it ripens leaving a clean, sound bulb, perfect in form, rich in color and wonderfully solid.

The outer skin is rather pale yellow, the flesh pure white throughout.

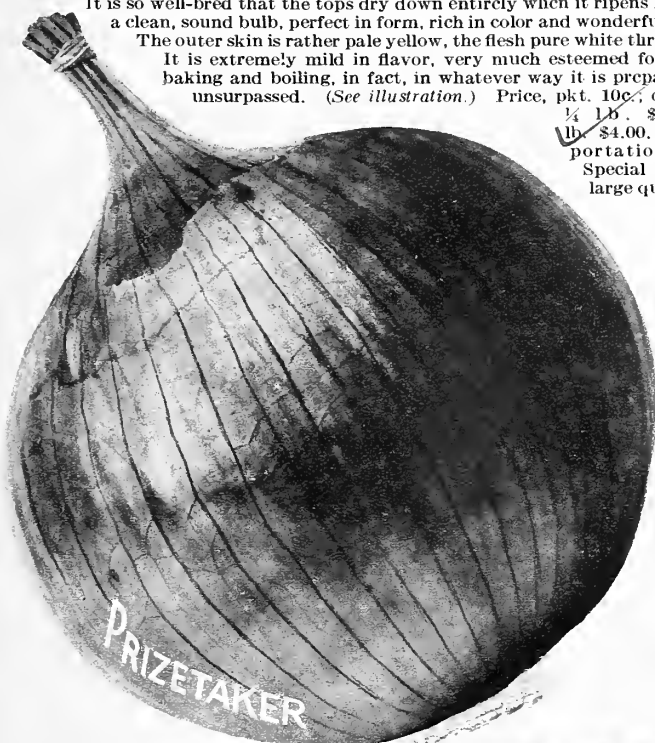
It is extremely mild in flavor, very much esteemed for slicing, baking and boiling, in fact, in whatever way it is prepared it is unsurpassed. (See illustration.) Price, pkt. 10c.; oz., 40c.;

¼ lb., \$1.25;

½ lb., \$4.00. Trans-

portation paid.

Special price on large quantities.



Southport Red Globe

617 A most attractive variety of medium size, growing under ordinary conditions to a diameter of 3 inches. The outer skin is a rich purplish-red, and the flesh is faintly tinged with the same color. It is a little stronger than the white and yellow, and preferred by many for this reason. Price, pkt. 10c.; oz. 35c.; ¼ lb. \$1.00; ½ lb. \$3.50. Transportation paid. Special price on larger quantities.

622 Collection of Famous Globe Onions

Southport White Globe

Southport Red Globe

Southport Yellow Globe

See description above.

Price, Coll. of 3 pkts., 30c.; 1 oz. each \$1.00. Transportation paid.



CULTURE.—One oz. for 100 feet of drill; five to six lbs. in drills for an acre. For an early crop, seed may be sown in cold-frames in February or March, transplanting when large enough to handle in April or May. Regular open-ground sowing should be made about the latter part of April or early May in latitude of New York, in soil that has been manured the previous year. Sow about one-half inch deep in rows one foot apart, and thin out to three inches apart in the rows. Weeds in the rows should be removed by hand. If ground is liable to be weedy, it is well to sow a little radish with the onion seed—to mark the row.

ONION

HENDERSON'S

Southport Globe Onions

Perfect Globe-Shape. Large, Heavy and Solid. Perfect Keepers

There are no Onions to compare with the famous Southport Globe Onions. They have been grown by the same growers for us for many years and the high standard of quality has been fully maintained.

Years of selection, in which every bulb used for seed purposes has had to pass the critical eye of veteran experts, have had no uncertain effect on these, and they are today, beyond doubt, the best of all Onions.

The most severe test of an Onion is that which effects its keeping quality. In this respect the Southport Globe Onions are supreme.

Southport White Globe

619 Viewed from every standpoint this is perhaps the best Onion of all for family use, for while it is similar in some respects to the other Southport Globes, it is more attractive in appearance. The flesh when cooked is of a rich milky color, tender and of delicious flavor, and when eaten raw is the mildest of the three. (See illustration.) Price, pkt. 15c.; oz., 50c.; ¼ lb., \$1.50; ½ lb., \$5.00. Transportation paid. Special price on larger quantities.

Southport Yellow Globe

621 The very best strain of yellow Onion, the exterior color does not extend to the flesh, as in the red variety. It is mild in flavor and may be grown by anyone where Onions will grow, and is probably the best of all for general use. (See illustration.) Price, pkt. 10c.; oz., 30c.; ¼ lb., 90c.; ½ lb., \$3.00. Transportation paid. Special price on larger quantities

ONION

Continued



Yellow Globe Danvers

Quick to Mature Remarkably Good Keeper

629 This is one of the oldest American varieties, which takes its name from the town near which it was first grown, and has always been a general favorite. Its keeping quality is supremely good. There is a considerable variation in the shape of this variety—shapes that vary from flat to deep oval. We have consistently adhered to the original type, which, but for a slight depression from top to bottom, is a perfect sphere. The matter of tops has had close attention, and are so bred that at maturity they disappear entirely, leaving the bulbs quite without neck, clean, solid and good throughout. (See illustration.) Price, pkt. 10c.; oz. 35c.; ¼ lb. \$1.00; lb. \$3.50; transportation paid. Special price on large quantities.

"I have received my seeds and am sending this order for my neighbors who saw the onions I raised from your seed last year. They were wonderfully good."—MRS. O. HUNGERFORD, Watertown, N. Y.

White Portugal or Silver Skin

Famous for Its Delicious "Scallions"

627 This is beyond doubt the very best Onion for general use during the spring, summer and autumn. We do not esteem it so highly for winter use, as it is excelled by other sorts for keeping purposes.

There are none that yield more delicious "scallions," or young plants for salad purposes, none which are more suited to boiling during the growing season, and none so generally esteemed for their mild, delightful flavor. Should there be any small bulbs left in the row at the end of the season they may be used for pickles. Always, under all conditions, it is appetizing and wholesome. (See illustration.)

Price, pkt. 10c.; oz. 50c.; ¼ lb. \$1.50; lb. \$4.50; transportation paid.

Italian Pickling Variety

Adriatic-Barletta

605 Extremely early; small, pure white with silver skin, flesh mild, but firm; unexcelled for pickling. Price, pkt. 10c.; oz. 40c.; ¼ lb. \$1.25; lb. \$4.00; transportation paid.



White Bunch

625 Of vigorous growth, producing large, showy, white Onions, of fine mild quality, especially adapted for using when young. Price, pkt. 10c.; oz. 50c.; ¼ lb. \$1.50; lb. \$4.50; transportation paid.

Onion Sets

In private gardens, the cultivation of the family supply of Onions from sets has much to recommend it. The amount of labor involved is less, the danger of loss from maggots and other insects is considerably reduced, the crop is surer to grow, and is ready for use weeks in advance of that grown from seed. On a small scale where the cost of sets is not a serious item, we urge customers to use them. In fact, the ideal way is to use both sets and seed—the sets for use in the spring and summer, and seed to grow bulbs for winter keeping.

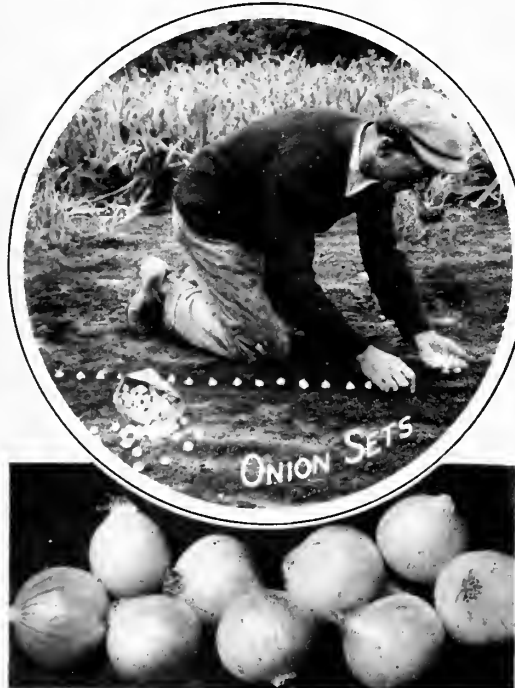
No.	1 Quart to 40 Feet of Drill	Qt.	4 Qts.	Peck
637	White Onion Sets.....	\$0.50	\$1.85	\$3.50
635	Red Onion Sets.....	.40	1.50	2.75
639	Yellow Onion Sets.....	.40	1.50	2.75

641. Potato Onions Sets. Early and of rapid growth, excellent for pulling green. Price, 50c. qt.; 4 qts. \$1.85; peck \$3.50.

643. Shallots. The small bulb keeps for a year. Price, qt. 50c.; 4 qts. \$1.85; peck \$3.50.

645. Garlic Sets. Esteemed in cookery. Price, lb. 50c.

Purchaser pays transportation charges on Onion sets. Packed weight, 1 lb. per quart. If wanted by Parcel Post, send postage according to zone rates.



Scallions, those welcome and greatly relished young green onions, are obtained early in spring by planting onion sets as soon as the frost is out of the ground.

OKRA

CULTURE.—Seed is sown about the middle or latter part of May, one inch deep; thinning the plants to two feet apart in a row, rows three feet apart. One oz. for 250 plants.



Long Green

597 One of the most popular varieties for the home garden or for marketing. It is a vigorous grower, plants ranging from 2 1/4 to 3 feet high, produce long tender pods in abundance. (See illustration.)

Price, pkt. 10c.; oz. 15c.; 1/4 lb. 30c.; lb. \$1.00; transportation paid.

Dwarf Prolific

595 Of dwarf, stocky growth, very early and prolific.

Price, pkt. 10c.; oz. 15c.; 1/4 lb. 30c.; lb. \$1.00; transportation paid.

White Velvet

599 A popular Southern vegetable, easy to grow. The pods, when young and tender, are sliced and used in soups and stews. **White Velvet** is long, smooth, greenish-white.

Price, pkt. 10c.; oz. 20c.; 1/4 lb. 60c.; lb. \$1.50; transportation paid.

PARSLEY

CULTURE.—The germination of Parsley seed is very slow, taking about three to four weeks. Sow seed in rows one foot apart, covering seed one-half inch. Thin out the plants to stand two inches apart.

Green Gem

A New Introduction

658 This is a wonderful dwarf compact strain of parsley, which has been worked upon and gradually brought to its present state of perfection during the past ten years.

Green Gem has a dual use, as it is also very suitable for an ornamental border in the flower garden, bordering walks in the same manner that one uses Sweet Alyssum, or grown next to any border of dwarf flowering annuals or perennials. The color is a very rich deep green, far richer than any other parsley. It is also most exquisitely curled. (See illustration.) Price, pkt. 25c.; 1 oz. 75c.

Henderson's Emerald

653 A distinct variety of robust growth, freely furnished with short-stemmed leaves, very finely cut and most beautifully curled, making a compact and extremely graceful plant. Most varieties of parsley are dark green; but, as its name implies, **Emerald** is brilliant emerald-green in color and therefore more highly esteemed for decorative and garnishing purposes.

Price, pkt. 10c.; oz. 25c.; 1/4 lb. 75c.; lb. \$2.50; transportation paid.

651 Champion Moss Curled. Densely crumpled and curled, dark green leaves; beautiful for garnishing; a very select and productive stock. Price, pkt. 10c.; oz. 15c.; 1/4 lb. 45c.; lb. \$1.50; transportation paid.

655 Extra Double Curled. A popular fine dwarf, beautifully curled sort. Price, pkt. 10c.; oz. 15c.; 1/4 lb. 45c.; lb. \$1.50; transportation paid.

657 Fern-leaved. Leaves as exquisitely cut and curled as a Fern frond, of fine color, invaluable for garnishing. Price, pkt. 10c.; oz. 15c.; 1/4 lb. 45c.; lb. \$1.50; transportation paid.

661 Plain or Italian. The leaves are not curled; plant very hardy. Pkt. 10c.; oz. 15c.; 1/4 lb. 45c.; lb. \$1.50; transportation paid.

659 Hamburg or Turnip-Rooted. The fleshy roots of this kind resemble small Parsnips and are esteemed for flavoring soups, stews, etc. Price, pkt. 10c.; oz. 15c.; 1/4 lb. 45c.; lb. \$1.50; transportation paid.



PARSNIP

CULTURE.—Sow seed in rows two feet apart, as soon as ground is in condition in spring, cover seed one-half inch.

Henderson's Hollow Crown

667 Our selection of this highly esteemed variety is surely the best for the private garden. We have discarded all the types with slim, long roots that invariably break in digging and offer only a shapely heavy-shouldered strain with its greatest girth at the crown and gradually tapering to a small root.

For winter use lay the roots horizontally in small boxes packed with ordinary garden soil and store them in some convenient place outdoors away from snow or rain. Bring in a box as needed, thawing them out slowly in a moderate temperature. Frost improves their quality. (See illustration.)

Price, pkt. 10c.; oz. 20c.; 1/4 lb. 60c.; lb. \$1.50; transportation paid.

Early Round

655 Early Round Parsnip is especially adapted for the private garden on account of its extreme earliness. The roots are top-shaped, of small size, very easily dug; and the flavor is very much esteemed. Price, pkt. 10c.; oz. 20c.; 1/4 lb. 60c.; lb. \$1.50; transportation paid.



56 To Secure that "Garden Freshness"—Grow Your Own

PEAS EXTRA EARLY AND EARLY



CULTURE.—The dwarf early Peas are sown in rows two feet apart, the larger and mid-season varieties in rows three feet apart and the tall late varieties in rows four feet apart; the seed should be covered about two inches and the plants thinned to two inches apart in the row. 1 qt. for 100 feet of double drill, or 200 feet of single row.

Alaska

Medium Height, Extra Early, Very Productive

- 144** Height, 2½ feet. A wonderfully early, smooth, blue pea; vines slender; pods very dark green, about 3 inches long, well filled with small, smooth, blue-green Peas. The earliness, uniformity in ripening and deep color render it a desirable market and canning pea. Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Henderson's First-of-All

Beyond All Question the Earliest Pea Grown

- 162** The extreme earliness of First-of-All emphatically distinguishes it from all others. For forty years it has produced the earliest crop of this delicious vegetable, and is still doing so.

While it lacks the "marrow" flavor of the larger and later sorts, it has a sweetness peculiar to its class, and a flavor which is preferred by many. Anyway, First-of-All may be eaten and the crop removed while other sorts are maturing, for it has been so closely bred to produce its crop on time, that quite often the entire crop may be removed at one picking. The slim, 3-foot vines permit close planting; it may be planted as soon as frost leaves the ground. (See illustration.) Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

"I wish you could have seen a row of your Alaska Peas planted very early last season. The

crop was really remarkable, you could scarcely see the vines for the peas."

MRS. T. MULL, JR.,
Holly Grove, Ark.

"I had a 'Henderson Garden' to be proud of last year in spite of a dry season. Nott's Excelsior Peas can be used longer without getting hard in the pod than any other pea."

MRS. PAUL T. HALL,
Rennselaer, Ind.

Henderson's Riviera Broccoli, the new vegetable de luxe, may now be enjoyed by every garden owner. (See page 19)

Little Marvel

Early Dwarf

An Improvement on Nott's Excelsior and American Wonder

- 174** This is the most prolific of the Early Dwarf Garden Peas, and we especially recommend it to the home gardener. It is a decided improvement on the Wonder class because the pods—always borne in pairs—mature much earlier than either Nott's Excelsior or American Wonder. The vines grow about 18 inches high and both vine and pod are in color an extremely dark green, now so much in demand. We are quite sure Little Marvel will give satisfaction to everybody. It is well named "Little Marvel." (See illustration.) Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck, \$5.50; transportation paid.



Melting Marrow

Dwarf Early, Easily Grown. Pods Large. Peas Delicious

- 176** One of the newer dwarf varieties that produces Peas equal in size and rich, "melting marrow" flavor to the best of the later sorts. It is admirable for a second early crop, and is so vigorous, so sure to produce a good crop, that it may be safely relied on, not only for early use, but for successive sowings throughout the entire season when Peas can be grown. The pods are very large and are produced in abundance. They are always bountifully filled with very large Peas of a rich, inviting green color, of perfect flavor. It is one of the easiest to care for. The vines are only 15 to 18 inches high, so that it does well without support.

Pkt. 15c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Nott's Excelsior

Early Big Cropper,
Extra Fine Quality

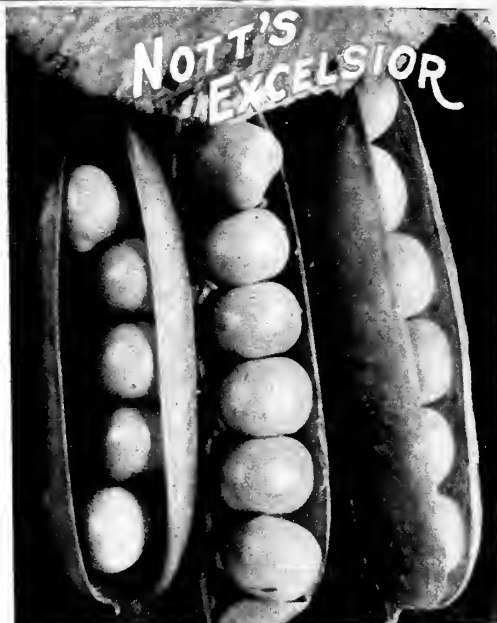
- 179** A distinctly American production of remarkably vigorous constitution, enormously productive, and generally excellent. The pods are of good size, produced liberally, and are well filled with excellent Peas of perfect quality. The plant is among the smallest, very rarely exceeding 15 inches in height, and is easily grown. It still is, and long will be, extremely popular. Many people who have only small gardens use this sort exclusively, making repeated sowings. (See illustration.)

Pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Sutton's Excelsior

A Medium Dwarf Marrowfat Variety, One of the Heaviest Croppers

- 188** The vines usually reach 18 to 20 inches in height. This is the most productive variety in its class and an excellent pea to follow the very early varieties. The dark green peas are rich in flavor, and pods may be gathered continuously through most of the growing season. Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.



If part of your garden is higher, warmer, or better drained than the rest, reserve it for your crop of earliest vegetables. Your garden will be ready for working a week earlier in spring, if it was dug up in the fall.

These Highly-Flavored Peas Make Vegetable Dinners Tasty 57

PEAS MEDIUM EARLY VARIETIES

Henderson's Famous Prosperity

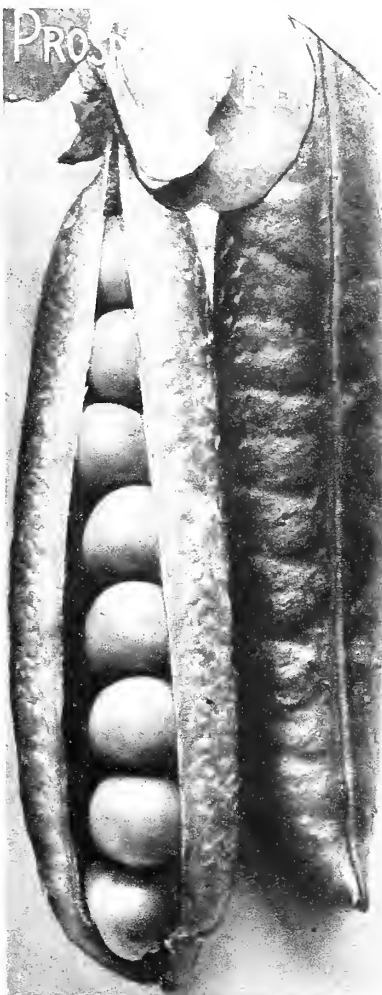
Largest Highly Flavored Pea Crown May be on Your Table Early in June

186 It is very gratifying to the grower to be able to supply the table with such delicious Peas as early as the first week in June. Indeed, one of our customers says he picks them as early as May 31st, 55 days from time of sowing.

The immense size of the pods, borne in such great profusion and so liberally filled, insures a bountiful supply at all times. Its prolific character is established by its success in the market garden, where the problem of filling the basket is of primary importance.

Prosperity should be planted little thicker than other large podded sorts, as the vine is single-stemmed and consequently occupies less room than the heavier growing, branching varieties. This is really one of its valuable features, for its large crop is produced in a comparatively small space.

The vines are three feet high, the pods are borne singly and freely from top to bottom of the vine and contain from six to ten Peas of delicious quality, fully as large and as rich in flavor as Telephone, and weeks earlier. (See illustration.) Price, pkt. 10c.; ~~pk. 40c.~~; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.



Henderson's New Garden Pea Jubilant

Introduced by Peter Henderson & Co. in 1925

One of the Best Second Early Varieties. Large Opulent Pods Containing 8 to 10 Luscious Marrow Peas

166 This, the supreme development in the already famous aggregation of edible peas, is truly well named—for "Jubilant" indeed were all those who ate of this unrivaled delicacy grown in our test plots.

The Jubilant Pea is medium early, beginning to bear a few days after our famous Prosperity has started. The plants, which are extremely vigorous, grow to a height of 3 1/2 to 4 feet. The large deep green pods literally cover the vines. The pods, which are easily shelled, are usually filled with 9 to 10 large luscious marrow peas of exquisite flavor.

The vigorous constitution of the plant makes it practically immune to blight and consequently the production of peas is extended over a long period. (See illustration.) Price, pkt. 10c.; pt. 55c.; qt. 1.00.; 4 qts. \$3.25; peck \$6.00; transportation paid.

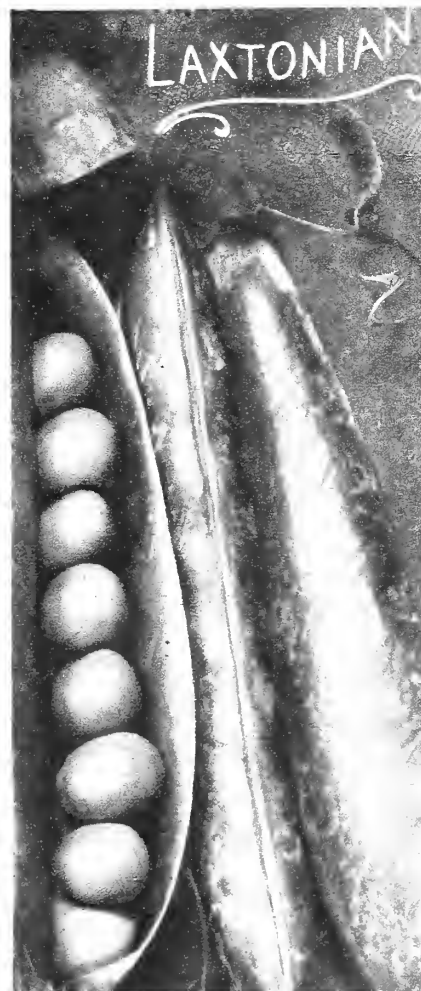


Laxtonian Early Marrow

A Grand Early, Dwarf Pea—Enormous Pods—The Largest of Peas

171 Dwarf Peas have always been very popular with the American gardener. This preference has been maintained in spite of the fact that larger and often better Peas could be produced by growing the later and taller sorts, which, of course, require artificial support for their best cultivation. This lack of quality has been quite overcome by Laxtonian, as it produces a pod which compares favorably with the best of the later and taller sorts. The vine is only eighteen inches high, which makes it possible for any one to raise the largest Peas very early in the season on a small area, and with very little effort. It is a rigorous and dependable grower, and very prolific.

The pods are not only large, but are always well filled with Peas of great size and remarkably good quality. The crop is ready for use about a week later than the earliest sorts. By sowing this variety at intervals of ten days up to the end of May, a very satisfactory supply of Peas may be raised for continuous use. (See illustration.) Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.



Nowhere in the world will you obtain peas that are half as delicious as those that are grown in your own garden. Be sure to plant enough to carry you through the season.

58 Eat "Quality Vegetables" for Sturdiness and Endurance



Henderson's Succession Collection
4 Best Tall and 4 Best Dwarf

Garden Peas

Either Collection Gives a Continuous Supply
of Delicious Marrow Peas Throughout the
Summer

199 4 Best Tall Peas:

Prosperity, for extra early..... see page 57
Horsford's Market Garden..... see page 59
Telephone, for mid season..... see page 58
American Champion, for main crop..... see page 56

200 4 Best Dwarf Peas:

Nott's Excelsior, for extra early..... see page 56
Melting Marrow, for early..... see page 56
Advancer for midseason..... see page 59
Juno, for main crop..... see page 58

Prices (state whether Tall or Dwarf is wanted)
1 packet each of 4 sorts, enough for 50 feet
of drill (delivered transportation paid in U. S.).....\$0.35
1 pint each of 4 sorts, enough for 200 feet of drill
(delivered transportation paid in U. S.).....\$1.50
1 quart of 4 sorts, enough for 400 feet of drill
(delivered transportation paid in U. S.).....2.75

PEAS MAIN CROP AND LATE VARIETIES

Onward

New Garden Pea for 1931

180 This new variety is quite an acquisition for 1931 and is undoubtedly a very distinct and valuable addition to the mid-season varieties. It is fit for the table just before Telephone, and bears a very heavy crop of pods four inches long, large, broad, straight, and blunt at the ends; always filled with from six to eight dark green sweetly flavored peas. Considered by experts to be decidedly the best pea recently introduced. Height 2½ to 3 ft. Price, pkt. 15c.; 1 pint 60c.; 1 qt. \$1.00.

Telephone

The Standard Large Podded Late Pea. Delicious Quality.

189 It has been on the market for nearly forty years and is as good today as ever. The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large Peas of delicious quality, rich in flavor, tender in quality and most attractive in appearance. The vines are not heavy and require but little support. (See illustration.)

Pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck, \$5.50; transportation paid.

Alderman

146 One of the best main crop varieties, extremely vigorous and producing a large crop of long, dark-green pods packed with green wrinkled Peas of the largest size and of unsurpassed quality. The rich color and fine appearance is retained for several days. Height, 5 feet. Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Henderson's American Champion

151 Extra large pods, liberally filled with Peas of great size and of particularly good flavor. It does not come into use until the end of the season and, as it grows from 4 to 5 feet high, the vines need some support, but it well repays both the waiting and the extra labor, for, properly cared for, it bears an extremely bountiful crop of the most delicious Peas. Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck, \$4.75; transportation paid.

Improved Dwarf Telephone

158 We think we are safe in describing it as the largest podded dwarf green pea in existence. Dwarf Telephone is a robust growing variety; the haulm is strong and bears an abundance of pods about 5 inches in length, tightly filled with 8 to 9 dark green wrinkled peas of the finest quality. Price, pkt. 15c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; transportation paid.

Juno

168 The foliage is very dark green, a sure indication of vigor. The plant is 2½ feet high, heavily branched; so robust that it needs but little support, and so resistant to heat that it stands our summers better than any other. It is a sure and heavy cropper. The pods are medium in size, but remarkably well filled with large Peas of perfect flavor. Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Henderson's Perfection Sugar Pea

182 Height, 5 feet. A large-podded variety producing abundantly immense brittle pods that "snap," without string; very sweet and tender. The pods are cooked like String Beans. If used when about half grown they are delicious. Price, pkt. 15c.; pt. 50c.; qt. 90c.; transportation paid.

Admiral Beatty Pea

Introduced by Peter Henderson & Co. in 1924.

The Very Best Second Early—Eight to Ten Peas in the Pod
of Delicious Quality

140 The "Admiral Beatty" garden pea was obtained by crossing the wellknown varieties, Gradus and Alderman, and the result is a pea in which the good points of both parents are combined. It takes its place naturally in the second early class, and pickings are usually made about ten days after Henderson's Prosperity Peas are ripe. Everybody will be pleased with the heavy crop borne by the sturdy vines, which grow to a height of 4 feet, and with the flavor and quality of the eight to ten large peas contained in the long pointed pods.

Pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.



World's Record

An Early Garden Pea of Medium Height. Exceptional in Quality.

196 World's Record represents the latest achievement in this class, and is really an improved type of the Gradus Pea. The vines are two feet in height, very productive, medium green in color, and bear large quantities of pods, four inches in length, rather broad and pointed, and containing seven to nine very large dark green peas quite exceptional in quality. (See illustration.)

Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Advancer

Wonderfully Prolific, Exceptionally Good Flavor.

142 The plant is 2½ feet high, extremely vigorous, and is noted for the enormous number of pods produced on each vine. The pods are small, but the peas are so densely packed therein that the yield per plant exceeds that of many of the larger podded sorts. (See illustration.)

Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Hundredfold

The Best Early Marrow Pea. Beautiful Long Dark Green Pods.

164 This handsome wrinkled pea is one of the newest introductions among the large-podded sorts. The pods are very dark green in color, about four inches long, quite broad, and rather pointed at the ends; and bearing usually eight to ten large dark green peas of fine flavor. The vines are also dark green in color, very vigorous and usually about sixteen inches in height.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Ameer

148 Height, 3 feet. This resembles Alaska, the vine being vigorous, a little taller and the pods and peas are one-third larger. It is a heavy producer of handsome pods, containing from 5 to 7 large blue-green round Peas of excellent quality.

Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Everbearing

159 Height, 3 feet. A prolific and continuous-bearing Pea, giving it especial value for summer use; pods 3 to 4 inches long, containing 6 to 8 large wrinkled Peas, ½ inch in diameter.

Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Horsford's Market Garden

165 Height, 2 feet. Noted for its uniform growth and prodigious yield. The pods though of medium size, are packed with Peas of sweet flavor.

Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; peck \$4.75; transportation paid.

Laxton's Progress

172 The earliest of the sweet large-podded varieties. Our experience is that in the latitude of New York, Laxton's Progress is four days earlier than Laxtonian, heretofore considered the earliest large-podded pea. (See illustration.)

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Peter Pan

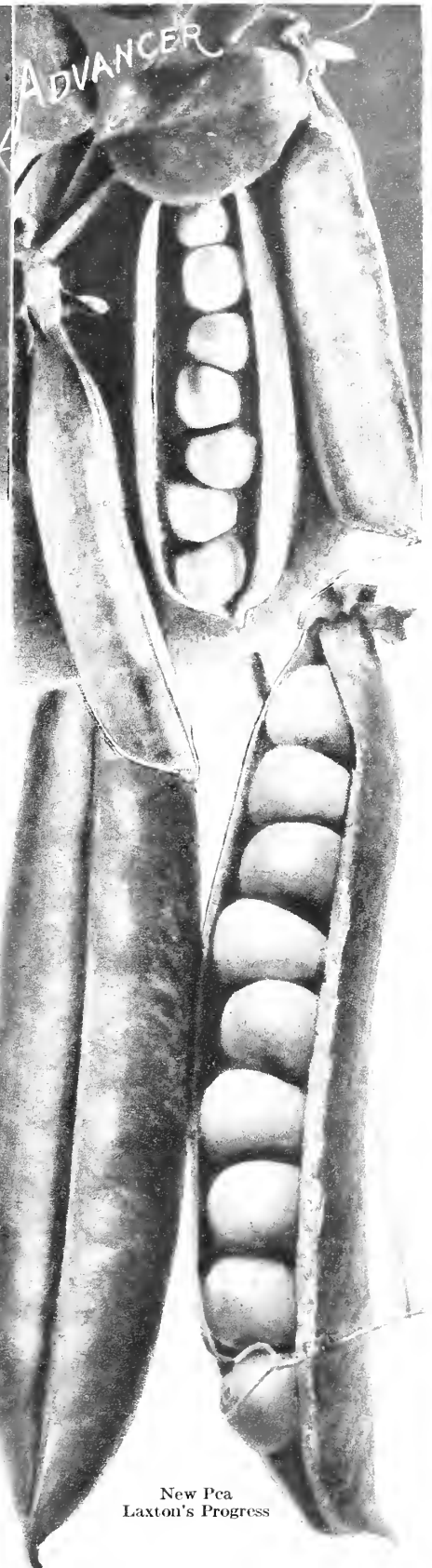
183 This variety is of the Laxtonian strain and the result of long selection and judicious crossings. It is like the preceding varieties, a large-podded dwarf marrow pea, but earlier than its parent stock. The vines and foliage of Peter Pan are exceptionally stout and vigorous. The pods are deep green in color, four inches long, very broad and straight, and contain from six to eight very large deep green peas of high quality.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.

Thomas Laxton

191 An excellent, early wrinkled marrow variety. Height, 3 feet. Pods are medium to large. Produces strong vines, which bear heavy crops.

Price, pkt. 10c.; pt. 45c.; qt. 85c.; 4 qts. \$3.00; peck \$5.50; transportation paid.



An excellent crop of delicious Peas may be obtained in the fall in the latitude of New York if the seeds are planted during August. Should the ground be very dry, soak it thoroughly before planting to aid germination.

60 Peppers Add Piquancy and Zest to Vegetable Dinners

PEPPER

CULTURE.—Sow one-half inch deep in hotbed, greenhouse or warm window, in March or April. When one inch high, transplant into two-inch pots, and plant out late in May or early June in rich soil in rows two and one-half feet apart in the row. Cultivate frequently throughout the season to keep the soil mellow and free from weeds.

Perfection or Pimiento (Sweet)

The Sweetest Pepper Ever Grown. Absolutely Without Pungency

688 Perfection Pimiento Pepper is the sweetest of sweet peppers; there being not a trace of pungency perceptible to the taste. The peppers are of a size very suitable for stuffing purposes and are delicious when prepared for the table in that way.

It is so smooth that it is quite easy to get the skins off by boiling a few minutes; or the skins can be pared off with a knife.

The plants are very productive and the peppers, which, when ripe, are a beautiful scarlet in color, hold more edible meat than any other sweet variety. Perfection or Pimiento is much sought after for pickles, cutting up in salads, and for flavoring. (See illustration.) Price, pkt. 15c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00. Transportation paid.



Chinese Giant (Sweet)

677 A mammoth scarlet variety, averaging 15 inches in circumference. It is early and prolific. The flesh is thick, tender, mild, sweet and unexcelled for use as a salad, or for stuffing for "Mangoes." (See illustration.) Price, pkt. 15c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00. Transportation paid.

Early Giant (Harris)

The Best for Northern Latitudes

680 The earliest and most prolific of the large peppers, a real acquisition. It is of dwarf compact growth, bearing as many as 12 pendent fruit on a single plant; scarlet fruit measuring 5 inches in length by 3 $\frac{1}{2}$ inches in diameter.

Price, pkt. 20c.; 3 pkts. 50c.; oz. \$1.50; $\frac{1}{4}$ lb. \$4.50. Transportation paid.



Ruby King (Sweet)

The Most Popular Large-fruited Pepper

693 Ruby King is one of the most popular large-fruited sweet peppers grown. It is esteemed by market gardeners and is equally valuable for the home gardener. The plants, which are vigorous, grow to a height of about 2 feet, and are clothed with rich, dark green foliage.

The fruits average 5 inches long by 3 inches in diameter and are usually three lobed, the color is a pleasing deep green, which turns to a glowing, ruby red when ripe.

The flesh is exceedingly thick, sweet and mild. (See illustration.)

Price, pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50. Transportation paid.



Squash or Tomato Shaped (Sweet)

694 The fruits run from 2 $\frac{1}{4}$ to 3 $\frac{1}{2}$ inches in diameter; thick flesh; skin of a rich deep scarlet. Pkt. 15c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.75.

World Beater (Sweet)

697 World-Beater produces fruits in clusters. The peppers are first dark green in color and change to a very brilliant scarlet when ripe. Price, pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

Large Bell or Bull Nose

683 Early, bright red pungent; a favorite for stuffing when green. Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

681 Golden Dawn. Color yellow; sweet and delicate in flavor. Price, pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

685 Long Red Cayenne. Scarlet pungent pods, used for pickling when green and when ripe. Price, pkt. 15c.; oz. 85c.; $\frac{1}{4}$ lb. \$3.00.

687 Neapolitan. Earlier than the other large Peppers; thick-meated, mild and sweet; bright red when ripe. Price, pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

689 Red Chili. Small red Peppers, hot and pungent, used for making Pepper sauce. Price, pkt. 15c.; oz. 85c.

691 Red Cluster. Dwarf plants. Small thin pods borne upright in clusters; red and pungent. Pkt. 15c.; oz. 85c.

695 Sweet Mountain or Mammoth. Similar to Bull Nose, though larger and of deeper shape; mild in flavor; fine for "Mangoes." Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50. All transportation paid.

California Wonder (Sweet)

Thick Flesh, Sweet, Crisp and Tender

676 When the Chinese Giant Pepper was introduced some years ago, it was thought to be the thickest fleshed variety possible, but California Wonder excels it in many respects.

It is similar in appearance to Chinese Giant, being of just such a vivid scarlet color, but it is much more weighty and has much thicker flesh.

Fruits of California Wonder often weigh half a pound to one pound each, and there is no doubt that this is the "meatiest" pepper ever introduced. The flavor is so mild, delicious and free from pungency that it may be eaten just like an apple. We first introduced this great acquisition to our friends in 1928, and it met with instant approval. We have not space to print the numerous letters of appreciation received. (See illustration.) Price, pkt. 25c.; $\frac{1}{2}$ oz. 90c.; 1 oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.



Crimson Giant

(Sweet)

678 A sturdy variety of the well-known Chinese Giant type. The fruits are a little smaller, but the plants bear a much greater number. The dark green fruits turn to a very brilliant scarlet when they are fully ripe. Strictly a sweet and mild variety. See illustration.

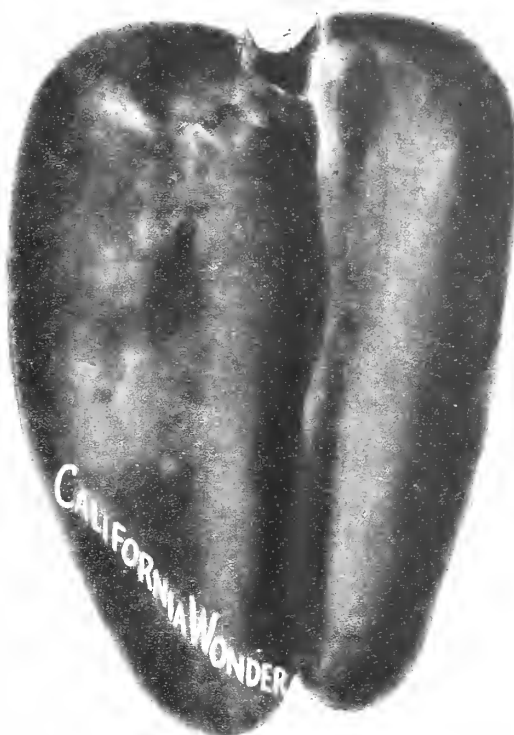
Price, pkt. 15c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00.

Henderson's Baby Bell

(Sweet)

675 This really remarkable little Pepper is well suited to the private garden, having several qualities which are ideal for that purpose. The plants are remarkably small and compact, so that they may be planted as close as one foot apart in the rows. It is the earliest of all the sweet Peppers, yet the fruits are of good size, amply large enough for general use. They are borne in great profusion close to the center of the plant. The color is a brilliant, vivid, waxy scarlet, and the flavor is delightfully piquant, quite free from pungency.

It bears a large crop, and so continuously, that if the early fruits are plucked and used when green, the plants will continue to yield bountifully, and produce a heavy crop of ripe fruits later in the season. It is also a little more rugged than many sorts, so that it will succeed in a less favorable soil than is ordinarily required. Price, pkt. 15c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00.



PUMPKIN

CULTURE.—Sow late in May in the latitude of New York, in very rich soil, cover the seed one inch. When grown alone the hills should be eight feet apart each way. As soon as the seedlings are out of the ground sprinkle with air-slaked lime or land plaster mixed with dry garden soil or ashes. This prevents the ravages of striped beetle. 1 oz. for 30 hills.

Large Cheese

703 The most popular variety, either for pies or table use. The shape may be described as flat, round, as shown in photo opposite. The skin is creamy yellow in color, and the flesh is deep orange, of fine quality and very tender. Large Cheese is a splendid keeping variety. (See illustration.) Price pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50. Transportation paid.

Connecticut Field

705 A productive large reddish-orange colored field pumpkin, the inside flesh is orange yellow. It is solid, fine-grained and slightly ribbed. This variety is grown extensively for canning purposes, also for stock feeding, but it also makes good pies. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25; transportation paid.

STANDARD VARIETIES

701 Henderson's Calhoun. A small, almost round Pumpkin, with creamy brown skin; flesh deep salmon-yellow, wonderfully thick, fine grained, and of the finest quality for rich colored pies. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

706 Golden Cushaw. Known also as "Jonathan" Pumpkin. Has a thick, heavy meaty neck and a very small seed cavity. The flesh is tender and a rich golden yellow in color. The shell is also golden in color and very strong. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

707 Large or Mammoth Tours. An old, well-known variety, productive and growing to a large size and tremendous weight. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

709 Sugar. A handsome and productive small Pumpkin, 10 to 12 inches in diameter; round-flattened, skin orange, flesh deep yellow, fine grained and very sweet. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

711 Winter Luxury. A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter; color, golden-russet, finely netted. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.



POTATOES

FOR CULTURE, Etc.—Send for our pamphlet Garden Culture of Root Crops. The sack is 2¾ bushels or 165 lbs. net weight.

Blight-Proof Potatoes

Northern Spy

A Medium Sized Pink-Skinned, White Fleshed Potato. A Good Keeper. Five Years' Trial by Experts Prove it to Be Blight-Proof

Northern Spy has been grown and tested for five years by H. W. Collingwood, late editor of The Rural New Yorker, on his farm at Woodcliff Lake, N. J.

In the issue of that paper for September 25th, 1926, Mr. Collingwood writes: "This year, 1926, has been the worst for blight I have ever known on my farm. My men used certified seed, and the vines were properly dusted; yet when August came with the worst blight weather I ever experienced, furnishing ideal conditions for the blight germs, these certified vines began to fade away. The dark green turned through all shades of light green to yellow, and then to brown, in spite of all that we could do.

"There could not be a harder test for a 'blight-proof' variety; yet our Northern Spy Potatoes have stood up to it and here, in the middle of September the vines are still green and fresh in a field where certified Green Mountain and other varieties are dead as pine stakes."

"Where does Northern Spy get its resisting powers? Is it some new arrangement of cells, or is it a great gift from Nature, as some of my neighbors seem to think. I wish I knew!"

Northern Spy is not an early variety, it is pink-skinned, white fleshed, a wonderful cropper, a good keeper, and will stand up under heavy fertilizing. The vines are long, the leaves small and have a leather-like toughness which accounts for its disease resisting and insect resisting qualities to some extent. It boils as well as any other potato and is specially good when baked. (See illustration.)

Price, \$2.25 peck (sufficient for 130 feet of row); \$7.00 bushel of 60 lbs. (sufficient for 520 feet of row); \$14.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

"I wish to tell you about the Northern Spy Potatoes that I bought from you last Spring. They are more than wonderful in size and production. I bought a peck of them which produced 7 ¼ bushels; many weighing from one to two pounds. I thank you for such splendid seed."

JACOB BERGMANN,
Westbrook, Conn.



Improved Green Mountain

A reliable medium late potato. It seems to thrive in all soils and in all localities, making heavy, healthy vines, and yielding big crops of large, smooth, white skinned tubers of handsome flattish oval form. It cooks white, dry and mealy, and has a desirable flavor exclusively its own. It keeps well, and is not liable to scab or decay. Price, \$2.00 per peck; \$5.50 per bushel; \$11.00 sack of 165 lbs.; net weight; purchaser pays transportation charges.

Uncle Sam

Prodigious Cropper, Quality Perfect, White, Dry and Floury

We believe Uncle Sam to be the heaviest yielding variety grown. On a loam or sandy soil it is a wonder in yield and quality. The crop averages remarkably regular in size and shape. Its appearance and superb quality when served satisfy the most fastidious, its flaky, snow-white appearance gaining instant favor. The tubers are oval shaped, with light russet skin, very even in outline and with shallow eyes. Price, \$2.00 per peck; \$6.00 per bushel; \$12.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

Henderson's Bovee

A Marvel in Earliness! Outyielding all of the Earlys.

It is not only early, but produces its crops in great abundance, and yields a very large percentage of perfectly formed tubers. The cultivator can be used to better advantage on a crop of Bovee than any other sort, owing to the short and compact growth of the vines, and its habit of setting the entire crop close in the hill.

Bovee, perhaps more than any other sort, delights in a rich soil, responding more generously to good treatment; given the proper soil conditions, frequent and thorough cultivation and fairly good climatic conditions, it will yield an abundance of medium-sized potatoes of perfect shape and remarkably good quality. (See illustration.) Price, \$2.00 per peck; \$6.00 per bushel; \$12.00 sack of 165 lbs net weight; purchaser pays transportation charges.

Irish Cobbler

A fine, early variety, producing large, handsome tubers, uniform in shape and size.

The flesh is white, and of excellent quality; the skin very light brown, with whitish netting. It is a heavy cropper. Price, \$2.00 per peck; \$5.50 per bushel; \$11.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

Sir Walter Raleigh

This is one of the best varieties for a main crop, and is admirably adapted to general cultivation. The vines are of average size, but so vigorous that they stand erect long enough to allow necessary cultivation. It produces an extremely large crop of round, slightly flattened tubers, smooth, white skinned, and very attractive in appearance.

Its good quality is greatly improved when stored in a cool, dry cellar. When cooked it breaks up thoroughly, presenting a flaky, snowy appearance, at once appetizing and indicative of its superior flavor. Price, \$2.00 peck; \$6.00 bushel; \$12.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

Early Ohio. Extra-early, maturing about two weeks before the Early Rose; almost round; flesh solid, cooks dry and mealy. Price, \$2.00 peck; \$5.50 bushel; \$11.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

Early Rose. The popular standard early; noted for earliness, productiveness and fine quality. Price, \$2.00 peck; \$5.50 bushel; \$11.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

Spaulding Rose No. 4. Handsome red tuber, somewhat flat, a little later than the regular Early Rose but usually a better yielder. Fit to cook when large enough to dig. Price, \$2.00 peck; \$5.50 bushel; \$11.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

CULTURE.—Radishes thrive best in a sandy loamy soil, and to have a continuous supply for the table sow as early in the spring as possible and at intervals of ten days thereafter. Where the summers are very hot, sow until the fifteenth of May and then omit until August. Then make three sowings at intervals during this month.

Radishes are divided into three classes, spring, summer, and winter kinds, and all kinds should be used in a garden. Radishes are fit for the table in 25 to 40 days from sowing in the open ground. For extra early crop sow seed in hot bed in February. One oz. for each 100 ft. of row.

RADISH

Henderson's Selection of Best Turnip Radishes

Early Scarlet Globe

756 The best of the forcing varieties. The roots are a little longer than round, the skin intense scarlet in color, with tiny thread-like roots. It is very early, oval-shaped, and has very small tops. See illustration No. 1. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid

White-Tipped Early Scarlet Turnip

No. 1

728 For many years we have found this variety to be the most popular of all among private gardeners, and unsurpassed as a table Radish where, by reason of the strong contrasting colors of the root, it makes a most attractive appearance. The flesh is crisp, white and tender, and extremely mild. (See illustration No. 3.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25; transportation paid.

Early Dark Round Red

724 The darkest colored of the round red varieties and an excellent sort for family use. The roots are round, the tops medium in size. The flesh is pure white, crisp and quite tender. See illustration No. 2. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25; transportation paid.

Early Scarlet Turnip

726 The popular standard variety and one of the best table radish being highly esteemed for its mild flavor. The skin is bright scarlet in color and the flesh snow white. It is of medium size and a rapid grower. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25; transportation paid.

Henderson's Rose Turnip

752 This variety is distinguished by its color, which is a charming shade of rosy-pink. In other respects it closely resembles the better known Scarlet Turnip. It grows very quickly, maturing in 30 days. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Early Crimson Giant

722 This variety develops to 5 and often 6 inches in circumference, weighing up to 1 oz. per root, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, but keeps in condition for a long time for such an early variety. The flesh remains sparkling white, solid, crisp and juicy and it is of the mildest flavor. The root is almost globe-shaped, and is very bright crimson in color. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$1.75; transportation paid.

Philadelphia White Box

742 This variety is much in demand, because, unlike many other early sorts, it remains in fine table condition for a very long time before becoming at all pithy. It is ready for use in thirty-five to forty days from the time the seed is sown. Almost globe-shaped, but slightly flattened. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25; transportation paid.

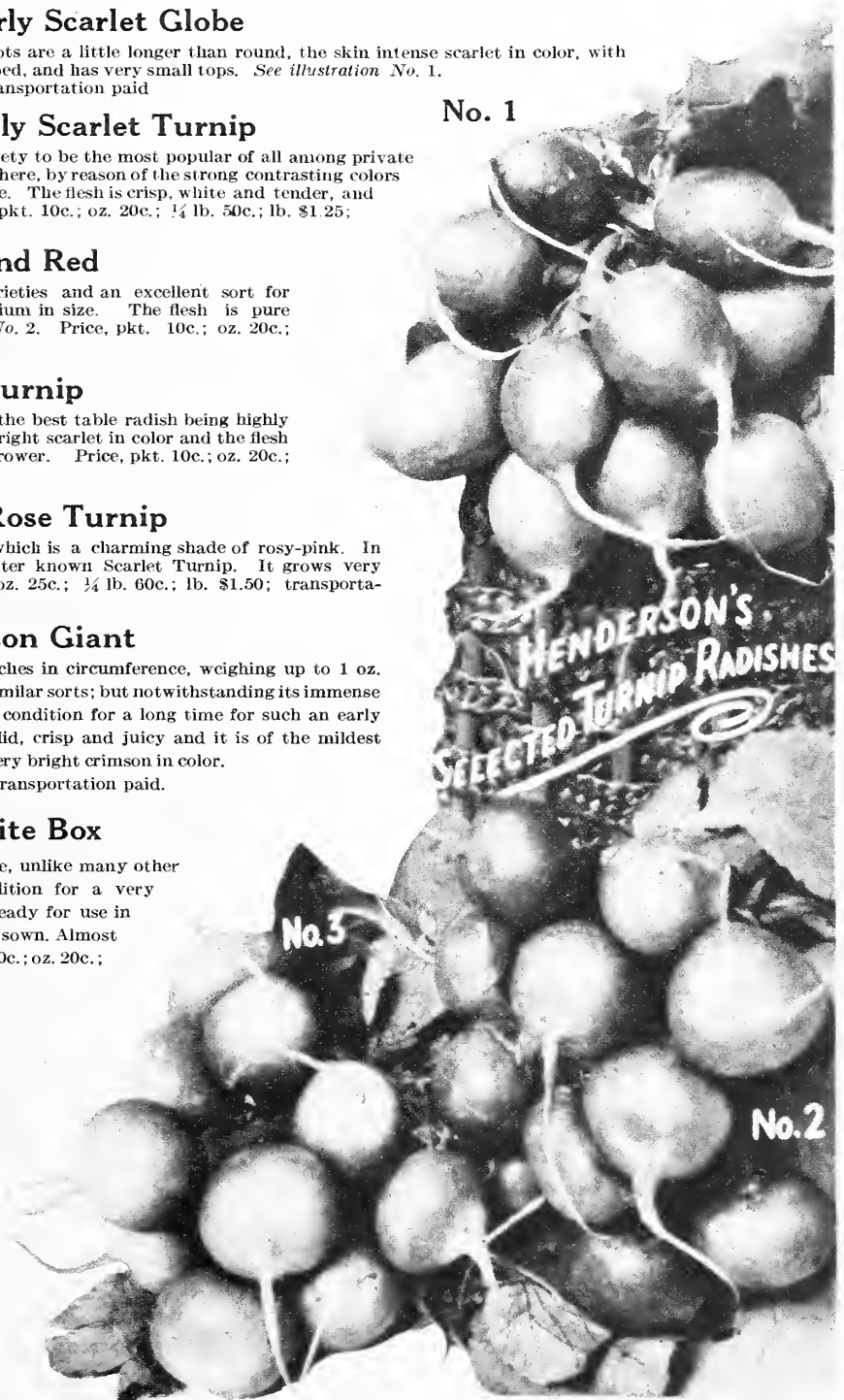
Giant White Globe

731 This is a new addition to our list of radishes and repeated trials at our seed testing farm, has convinced us that it is a very desirable variety. As its name indicates, it is a pure white globe-shaped radish, firm and crisp, and mild in flavor. Another good quality is that it remains solid and fit for table use, for a long time before turning soft and pithy.

Price, pkt. 15c.; 1 oz. 50c.; $\frac{1}{4}$ lb. \$1.75.

Henderson's Collection of Five Turnip Radishes

768 Price, one packet each of the above five varieties for 40c., 1 ounce of each for 90c.; $\frac{1}{4}$ lb. of each for \$2.40; transportation paid.



Grow Radishes Rapidly for Firm Smooth Roots

Henderson's Rocket Radishes

A dish of Rocket Radishes presents a most attractive appearance when prepared for the table. They are used very extensively for forcing, when they may be had in 21 days from sowing. They do well outdoors, but must be grown under conditions that induce rapid growth, to acquire proper flavor and crispness.

Henderson's Red Rocket

748 This variety has a very small top, which permits close planting. It is quite smooth, deep scarlet in color. The flesh is crisp and of mild flavor. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

Henderson's White-Tipped Rocket

760 Henderson's White-Tipped Rocket is the ideal first early radish. The color is deep rose, tipped white at the base. The flavor is deliciously mild. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

Henderson's White Rocket

758 A trifle larger than Red Rocket. It has an equally small top; the root is pure white, while the color of the flesh is waxy white. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

769 One packet of each of the 3 Rocket Radishes for 25c., one ounce of each for 60c., transportation paid.

Henderson's New Radish "Rose Rocket"

751 What particularly distinguishes the new rocket variety and sets it apart from all others is its soft rose pink colored skin; the coloring of which extends to the very tip of the radish. The flesh is white and tender, firm and crisp, very juicy and mildly pungent. Like the other Rocket Radishes, it is especially suited for growing under glass during the winter, on account of the small top, and it may be grown ready for the table in twenty-one days.

Henderson's New Rose Rocket will do equally well outdoors, but like all radishes, they must, of course be grown quickly, and pulled as soon as ready. (See illustration.) Price, pkt. 15c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; transportation paid.



RHUBARB

CULTURE.—Sow in April, in drills a foot apart, covering the seed three-quarters of an inch, thinning out

to about ten to twelve inches apart in rows when a few inches high. The following Spring transplant into deep, rich soil, about three feet apart each way. One oz. to 500 feet of drill.

770 St. Martin's. This variety is famous in many countries, being much esteemed wherever grown. The stalks are large and red and exceedingly juicy, rich and spicy. Price, pkt. 15c.; oz. 50c.; transportation paid.

772 Victoria. The stalks of this variety are immensely thick, a rich crimson in color, and of very fine quality. Price, pkt. 10c.; oz. 40c.; transportation paid.

Rhubarb Roots, see page 171.

Sorrel

795 Broad-Leaved French. Large, pale green leaves of mild, acid flavor, esteemed as salad, cooked as "greens," etc. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$1.75; transportation paid.

For Cultural Instructions see page 63

RADISH

Standard Varieties

Early-Round and Oval-Shaped Radishes

744 Rapid Forcing. Small, round, bright scarlet, with white tip; grows quickly, and is grand for forcing; tops very small. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

746 Red Forcing. Extra-early, maturing in 21 days; round, bright red, with small tops, very mild. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

730 French Breakfast. A favorite, oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Summer and Autumn Varieties

718 Chartier. A summer radish, long, large and handsome; top crimson, fading to white at tip; flesh white and delicious, remaining long in good condition. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25; transportation paid.

732 Giant White Stuttgart. A large white, oval-shaped summer Radish. Very tender and mild. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

764 White Summer Turnip. A flat-round, early summer Radish. 2 inches in diameter; skin and flesh white and tender; ready to use in 30 days. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

762 White Strasburg. An early summer Radish, 4 to 5 inches long and tapering; flesh and skin white, solid and fine. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Early Long Varieties

738 Long Scarlet Short Top. The standard; bright scarlet with white, mild flesh; grows 6 inches in length; matures in about 25 days. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25; transportation paid.

734 Icicle. The leading long white Radish, and one of the earliest. When fully matured it reaches a length of 6 inches. It is pure white, and has a translucent and appetizing appearance. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$1.75; transportation paid.

740 Long White Vienna, or Lady Finger. Tapering, about 4 inches long and pure white, mild and tender, matures in about 25 days. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Winter Varieties

These varieties grow so firm and compact that they will keep almost all winter if stored in a dry cellar; they require 2 to 3 months to mature.

720 Celestial, or White Chinese. An extra fine, large, white Radish; grows to an enormous size; flesh firm, mild and crisp. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

750 Rose China Winter. A distinct cylindrical variety, 4 to 5 inches long by 2 inches in diameter; skin rosy-red; flesh white, firm; good keeper. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

736 Long Black Spanish. A leading winter variety, one of the best keepers. Roots cylindrical, 7 to 10 inches long; skin blackish-brown; firm white flesh. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Culture same as of Parsnip Oyster Plant or Salsify Mammoth Sandwich Island

780 Salsify is one of the best of our root vegetables, and is rapidly increasing in popularity. Cooked in any form, Salsify is wholesome, appetizing and nutritious. Its peculiar oyster-like flavor is most apparent when sliced and fried; it may also be served and eaten as Asparagus. It is one of the best remedies for various forms of indigestion. Most of its medicinal value is contained in the milk, which exudes from the skin; the surface should therefore be broken as little as possible. (See illustration.) Price, pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50; transportation paid.

Scorzonera or Black Oyster-Plant

785 The skin is black but the flesh is white. It has the same oyster-like flavor as Sandwich Island Salsify and when cooked is very appetizing and delicious. Price, pkt. 10c.; oz. 50c.; transportation paid.



Please order Vegetable Seeds by the number prefixed to each variety. It will save your time in writing the order, and ours in filling it.

CULTURE.—Sow thinly in rows 12 to 15 inches apart, covering the seed about one-half inch; thin the plants to four inches apart in the row. The main crop is sown in August and September. It is sometimes covered up in cold localities with straw or salt meadow hay during winter, but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to June. Spinach develops best and is most tender and succulent when grown in rich soil and in cool weather; during the hot summer months it often bolts to seed. 1 oz. for 100 feet of row.

SPINACH

Henderson's Long Season

Introduced by Peter Henderson & Co. in 1903

802 For many years the amateur gardener had poor success in growing Spinach, owing to its aggravating habit of going to seed just about the time it should be ready for use. The development of a type showing a marked long-standing character has given us Henderson's Long Season Spinach, removing the only obstacle to its general cultivation, so that there is now nothing to hinder the least experienced from enjoying this wholesome vegetable throughout the entire season. The plants are very hardy. Seed sown in September will produce small plants, which, with a slight covering of loose dry material, will be available for use very early in the spring.

The plant is small, with rich, lustrous green leaves. These are short, broad, very thick, and of so great substance that it loses bulk in cooking less than any other sort. The flavor is unequalled. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.; transportation paid.

New Long-Standing Savoy

805 This variety stands heat much longer than Norfolk Savoy before running to seed. This is a great advantage. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$1.50; transportation paid.

Thick-Leaved

810 The best sort for fall sowing to winter over for spring cutting, being very hardy. It produces large, thick, bright green crumpled leaves of fine quality, yielding a heavy crop. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.; transportation paid.

New "Perpetual" Spinach

807 That this new plant can without any stretch of the imagination be called "Perpetual" is due to the fact that it is in reality a form of Swiss Chard. Perpetual Spinach however, is entirely without the somewhat bitter flavor of Swiss Chard, and tastes like a good variety spinach.

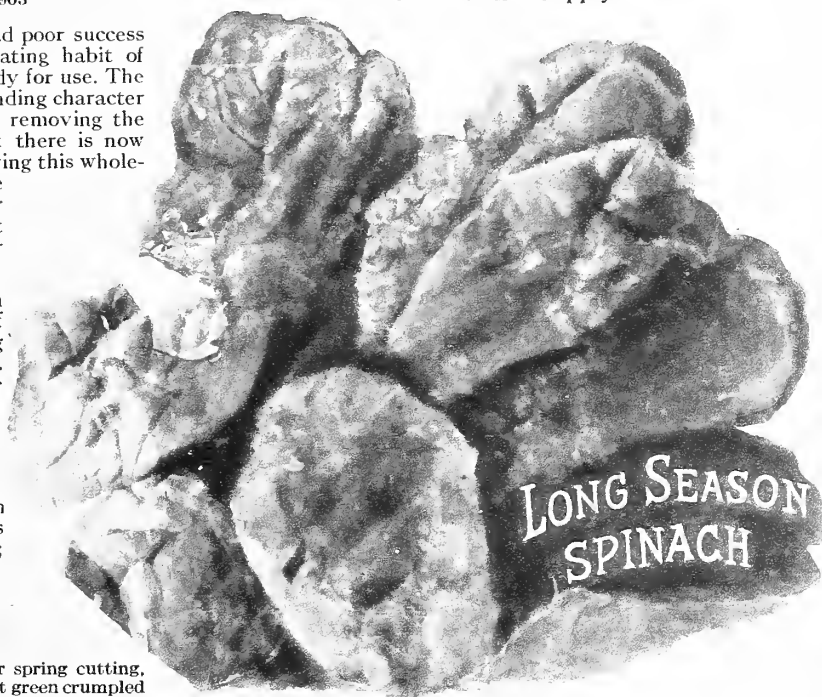
Seed should be sown early in the spring, as soon as the ground is in working condition, for best results.

It is very hardy and withstood the severe summer heat of 1930. Planters of Perpetual Spinach will insure for themselves a constant supply of tender "greens" all summer and autumn. (See illustration.)

Price, pkt. 20c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; transportation paid.



May Be Grown Continuously in Any Home Garden.
The Best for Sowing in Spring and Summer for
a Successional Supply.



Henderson's

Princess Juliana

Introduced by Peter Henderson & Co. in 1926

Large, Crumpled Dark Green Leaves, Suitable for
Summer or Autumn Planting

809 The Princess Juliana Spinach is of the long season type, with large, crumpled, rich, dark green leaves. It is valuable either for spring or autumn planting. After testing this new variety at our trial grounds for several years, we are convinced that the Princess Juliana Spinach will become the most popular variety on the market, not only for its rapid, uniform growth and delicious and tempting flavor, but also because it remains in prime condition longer before bolting to seed than any other sort. Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$1.50; transportation paid.

Norfolk Savoy-Leaved

808 A very popular variety to sow for the late fall cutting. It is quick growing and a heavy cropper, producing large, fleshy, dark green leaves as deeply crumpled as a Savoy Cabbage. It is largely grown in the South for winter and early spring crops. If sown in the spring it must be cut as soon as ready, as it quickly runs to seed. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.; transportation paid.

Henderson's Hardy Winter

800 Slow to run to seed and very hardy, plant compact-growing, with short-stemmed, thick and rich green fleshy leaves. Should be sown in the fall for a spring crop. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.; transportation paid.

King of Denmark

801 It is very dwarf, and makes a wonderfully quick growth, setting an abundance of dark green tender leaves, distinctively crumpled, and is slow to run to seed. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.; transportation paid.

Victoria

812 Stands in prime condition long after other varieties have bolted to seed. The August and September sowings should receive special attention, as they are wanted to supply the table during the coming winter and early next spring. For this purpose sow Victoria. The soil should be well prepared, using soot and lime or other material to lighten the soil if heavy. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.; transportation paid.

66 Doctors Never Warn Against Eating too Many Vegetables



Henderson's Spinach Leaved Swiss Chard Green Plume

The Asparagus Ribbed Swiss Chard
Introduced by Peter Henderson & Co. in 1924

235 We have called it "Spinach-Leaved" because the leaf is almost identical with that of the Spinach plant, and is as dark a green in color. It is a much darker green than any other variety of Swiss Chard produced so far, and it is also much more tender. The midribs, too, are edible and tender, and very white and attractive looking. They should be prepared like Asparagus.

Its greatest value lies in the fact that it produces "greens" all summer long, and is therefore available when Spinach is unobtainable. It can be easily grown in any ordinary garden soil. When picking for use cut the leaves from the outside when still young, or pull them off in an outward and downward direction. Leaves may be picked from it continuously from June until frost, because, as the leaves are cut off, other shoots are rapidly put forth.

"Green Plume" may be cooked and served as "boiled greens" in the same way as Spinach, or when using the midribs only; it is always cooked and served in the same way as Asparagus. In fact "Green Plume" could well be described as an Asparagus-ribbed Swiss Chard. (See illustration.) Price, pkt. 15c.; oz. 30c.; ¼ lb. \$1.00; lb. \$3.00; transportation paid.

Henderson's Spinach-Leaved Swiss Chard grown by me won first prize at the New Haven Co. Agricultural Society's Show.
Mrs. C. P. Stannard,
West Haven, Conn.

Swiss Chard

The Cut and Come Again Vegetable

232 The term "Chard" is applied to the edible midrib of the leaf of certain plants, hence Swiss Chard is a Beet with the heavily ribbed leaves developed instead of the root. It is used either as greens, or, where the rib of the leaf only is used, in the same manner as Asparagus. In either way it is a delicious vegetable and can be grown with the greatest ease.

This is the variety we have sold continuously for many years. It is the one vegetable that is always ready for use. Price, pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb. \$1.50; transportation paid.

SPINACH New Zealand

The Cut and Come Again Spinach. Best for Hot Weather
Yields Continuously from Early Summer to Late Fall

806 The New Zealand Spinach is a valuable addition to the summer supply of edible greens, the beneficial effects of which are so well known that it is needless to add further comment.

During the hot summer months, when ordinary Spinach bolts and goes to seed, the New Zealand Spinach is at its best. It thrives on almost any soil and withstands drought wonderfully well.

The plant is bushy in form, and produces great quantities of succulent, rich green leaves of a delightful delicate flavor. As the tops are cut off, side shoots develop and in a few days another crop may be cut. Hence the appellation **Cut and Come Again Spinach**.

The seeds should be sown outdoors after there is no longer danger from frost, in rows from 2½ to 3 feet apart, covering the seed about one inch. When the plants are a few inches high they should be thinned out, so that at the final thinning the plants stand fully twelve inches apart.

For an early crop start the seed indoors during March and transplant the seedlings to the open ground after danger from frost. (See illustration.) Price, pkt. 10c.; oz. 25c.; ¼ lb. 60c.; lb. \$1.50; transportation paid.

SWISS CHARD

CULTURE—Sow the seed in April or May in drills 18 inches apart, and thin the plants to stand 6 inches apart in the rows. Do not let the plants suffer from lack of water. The leaves may be gathered during summer and fall. 1 oz. to 75 feet of drill.

Lucullus Crumpled-Leaved Swiss Chard

234 This is quite distinct from the old and well-known variety. The leaf stems are rounder, very thick and fleshy. The whole plant is taller and the leaves, instead of being smooth, are deeply and closely crumpled, similar to a Savoy Cabbage. It is very tasty and palatable, and preferred by many in place of Spinach.

This variety is much sought after by those who prefer the rib of the leaf, as it is more strongly developed than in the old variety. Price, pkt. 10c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.00; transportation paid.



Your neighbor or garden-loving friend will appreciate receiving this catalog from you if you have no further use for it.

SQUASH

CULTURE.—Sow when the weather has become settled and warm. Plant in hills. For bush varieties, the hills should be four feet apart each way, and for the running sorts, eight feet. Eight or ten seeds should be sown in each hill one inch deep, thinning out after they have attained their third and fourth leaves, leaving two or three of the strongest plants. One oz. for 50 hills; three to four lbs. in hills for an acre.

SUMMER VARIETIES

818 Acorn or Table Queen. Acorn, "Table Queen" or "Des Moines," as it has been variously named, is a small, very dark green, summer squash, with sharply ridged or scalloped sides, and is about six or seven inches long and four inches in diameter.

Its chief recommendation to favor is its extraordinary fruitfulness, and its agreeable flavor, so desirable for pie-making or for baking.

When fully ripe the rind turns to a bright orange color, but the Squashes can be used before ripening just as well as after.

Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; transportation paid.

822 Delicata, Henderson's. This beautiful Squash is orange-yellow and striped with dark green on the outside. Delicata is the earliest of any vine Squash and is so prolific that last season, from twelve hills of two plants each, 235 perfect Squashes were gathered.

Delicata is of such convenient size (about 9 inches long) that the entire Squash can be used at one time, as it is just large enough for an ordinary family.

It is ready almost as soon as the early summer sorts, is better flavored, and remains in perfect condition as long as any keeping variety. (See illustration.)

Price, pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00; transportation paid.

834 Long Island White Bush, Henderson's. The white scalloped "Patty Pan" or "Cymling" has for years been a favorite summer Squash, on account of its earliness, but this new sort is a vast improvement; it is just as early, more prolific and the Squashes are much deeper, and have less prominent scallops. The plants are the true bush habit. (See illustration.)

Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$2.00; transportation paid.

836 Mammoth Bush Summer Crookneck. It is early and the fruits are large, measuring 20 to 24 inches in length, solid, heavy, and are freely produced on healthy, vigorous plants of compact bush habit; fruits heavily warted; surface color deep golden flesh yellow; and of superior quality. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$2.00; transportation paid.

839 "Straight Neck" Squash, New. This new squash as may be seen at a glance has an obvious advantage over other varieties, because of its straight neck, which makes it much easier to prepare for cooking than its parent variety, the old and much esteemed Mammoth Bush Summer Crookneck. Also it will be a boon to the market gardener and trucker on account of ease with which it can be packed in crates or barrels owing to its straight neck.

For the rest, it is similar in color and flavor to the parent variety, which is the highest that could be accorded to it.

The flesh is inclined to be salmon in color, and when cooked, is so delicious that everybody asks for more. We think it is a very important addition to the list of new varieties. See illustration.

Price, pkt. 20c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

842 White Bush Scalloped. The white "Patty Pan" or "Cymling" creamy-white skin, fine quality, free cropper. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

844 Yellow Bush Summer Crookneck. A bush variety, early and prolific. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75; transportation paid.

AUTUMN AND WINTER VARIETIES

819 Blue Hubbard. The squashes are light bluish gray in color, and the flesh is very fine-grained, dry and tasty, so that it is suitable for all purposes for which squash is used.

The vines of Blue Hubbard are exceedingly strong and vigorous, and for that reason seem almost immune to the attacks of the Squash Borer, which in some sections inflicts great damage on crops of Squash. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00; transportation paid.

820 Boston Marrow. The most popular second early or autumn squashes. The reddish yellow skin is thin but the squash is so fine-grained and firm that it stands up well for shipping purposes and has good keeping qualities. The flesh is dry and delicious. It is also much grown for canning purposes. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; $\frac{1}{2}$ lb. \$1.75; transportation paid.

824 Golden Custard Bush. A very large, golden scalloped bush Squash, often 1 foot in diameter, productive and of extra quality. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

826 Golden Hubbard. Similar to the old Hubbard, excepting the skin is of a rich orange-red and heavily warted; flesh of extra fine quality. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

830 Hubbard. This is an old favorite. The vines are strong, of luxuriant growth and very productive, yielding large, heavy Squashes of dark bluish-green color. It is an excellent keeper and if properly stored may be used until May. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$2.00; transportation paid.

832 Large Warted Hubbard. Everyone knows that Hubbard Squash is a good keeper. Warted Hubbard keeps even better and is larger. It is named on account of the excessive rough "warted" surface of the fruits, heavy warts indicate a hard shell, and the harder the shell, the better the Squash will keep. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00; transportation paid.

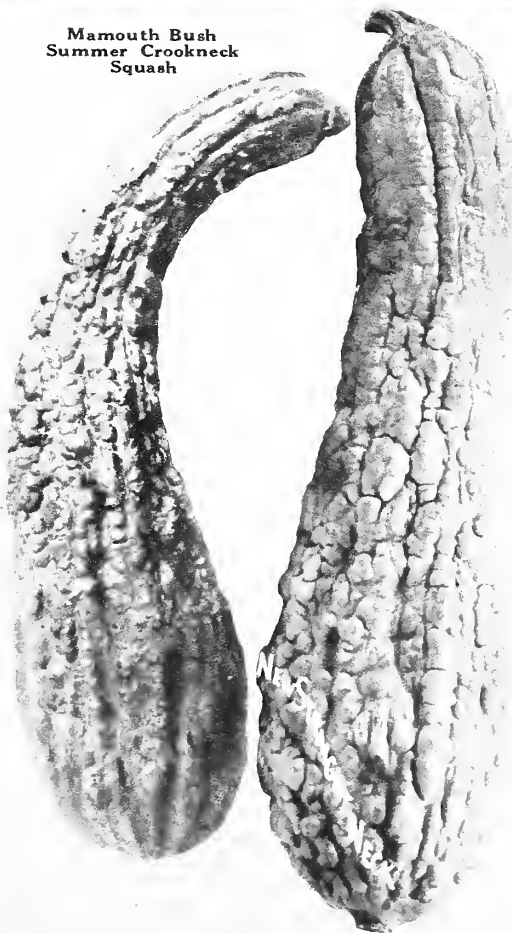
838 Mammoth Chile. The largest of all Squashes, often weighing 200 lbs. or over; flesh rich and fine-flavored. Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.50; transportation paid.

840 Vegetable Marrow Bush. A favorite English variety, bearing freely oblong, dull yellow fruits, 10 to 15 inches in length. Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.50; transportation paid.

Kitchen Garden Collection. White Bush Scalloped, Bush Summer Crookneck, Hubbard. Price, Collection 3 packets 25 cents, 1 ounce each 55 cents.



Mammoth Bush
Summer Crookneck
Squash



TOMATO

CULTURE.—The seed should be sown in March or early April in a hotbed, greenhouse, or window of a room, where a night temperature of not less than 60 degrees is kept, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out three inches apart in boxes three inches deep, or potted into three-inch pots, allowing a single plant to a pot. They are sometimes shifted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May in this latitude, the plants may be set in the open ground.

Henderson's Ponderosa

Sometimes called Beefsteak

(See Colored Plate page 35)

900 Special Strain. For forty years this variety has been acknowledged the best, and it is undoubtedly the most popular with American gardeners to-day. It produces fruits magnificent in size, delicious in flavor; and in great profusion. From its first appearance it gripped all who grew it, and each recurring season sees thousands more added to the number of its admirers who have sent us thousands of testimonials. Price, *Special Strain*, pkt. 15c; 2 pkts. 25c; oz. 90c; M lb. \$3.00. Postpaid.

Henderson's Golden Ponderosa

(See Colored Plate page 14)

889 Is equal to its parent, the Red Ponderosa, and in addition has the striking golden color. It is very mild in flavor owing to its small acid content. Price, pkt. 20c; 3 pkts. 50c; oz. \$1.50. Postpaid.

Henderson's Famous Tomato

"Winsall"

Introduced by us in 1924

(See Colored Plate page 36)

915 Henderson's Winsall is about five days later than Ponderosa in maturing its first fruits, but its second fruits seem to ripen more rapidly than do the fruits of Ponderosa. It is undoubtedly the most meaty tomato ever produced; the entire fruit being edible, tender and delicious, and remarkable for an almost entire absence of seeds. Price, pkt. 25c; 3 pkts. for 60c; ½ oz. \$2.00; 1 oz. \$3.50; postpaid.



Earliana

The best extra-early Tomato

Henderson's "Beefheart" Offered for the first time

(See Colored Plate page 14)

876 It is exactly the shape of a beef heart, and is scarlet red in color having no purple streaks. Produced fruits weighing 2 to 3 pounds, almost seedless and the very finest quality. Price, pkt. 25c; 5 pkts. for \$1.00.

A Great Innovation

"The Fruit Tomato"

Is Peeled and Eaten Like a Peach

(See Colored Plate page 35)

888 This variety is properly classed as a fruit, because its delicious sweet flavor and solid flesh makes it possible to eat it out of hand as one would a peach. Price, pkt. 30c; two pkts. 50c; postpaid.

A Newly-Bred Tomato

Break-O'Day

Offered for the First Time This Year. Produced by Dr. Pritchard of the U. S. Dept. of Agriculture.

878 This, the newest product of the plant breeder's art, marks an epoch in the breeding of globe-shaped tomatoes now so popular. It is a cross between the well-known variety Marglobe and another variety, not as yet introduced to commerce. It is greatly disease-resistant and is the same shape, color and size as Marglobe but much more solid; and to crown all is 10 to 12 days earlier in ripening. This means that Break-O'Day will ripen along with Bonny Best and the other extra early tomatoes, but excels them greatly in size solidity and seedlessness. We offer it this year in packets only, as our stock is limited. (See illustration.) Price, pkt. 30c; 2 pkts. 50c.

Earliana

885 This is still the best extra early Tomato for the family garden, as it bears a very heavy crop quite early in the season. It has excellent flavor and is remarkably solid for an early sort. (See illustration.) Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$5.50; transportation paid.

June Pink The Earliest Tomato Grown

891 An extra early selection from Earliana, differing chiefly in outside color which is of the purplish-red preferred in some sections to scarlet. The fruit runs uniform in shape and size, about 3 inches in diameter, almost round, and borne in clusters. Flesh solid and fine. Price, pkt. 10c; oz. 60c; ¼ lb. \$1.75; 1 lb. \$6.00; transportation paid.

Livingston's Globe

893 This variety is glossy pink with purple tinge and is greatly in favor with successful tomato growers. It is distinctly globe shape, large size, and of the finest quality, making it very desirable for slicing.

It is smooth, firm and bears very few seeds, and the fruits which are borne in clusters of from three to seven are ripe within one hundred days from the planting of the seed. It is a grand variety either for the home garden or the market grower.

Price, pkt. 10c; oz. 60c; ¼ lb. \$1.75; 1 lb. \$6.00; transportation paid.

Stone

906 This is one of the best and most popular main crop varieties. The plant is a strong grower, is very prolific and produces a crop of large, smooth fruits almost round in shape, very deep and slightly flattened at base and top.

Price, pkt. 10c; oz. 60c; ¼ lb. \$1.75; 1 lb. \$6.00; transportation paid.



916 Tomato—Bountiful Collection. Earliana, Bonny Best, Henderson's Red Ponderosa. Price, Collection of 3 pkts. 25c. Transportation paid.

84 Years Experience Justifies Confidence in Our Seeds 69

Marglobe Resists Rust and Wilt

894 The result of seven years labor by the originator Prof. Pritchard of the U. S. Dept. of Agriculture, this new tomato bids fair to supersede in popular favor every other variety of its class. Extensive tests conducted in sections where wilt and rust diseases were prevalent have proven that it is immune therefrom.

Marglobe is almost perfectly round; of large size, and bright red in color. It is one of the most productive tomatoes in cultivation, it being rare that a flower fails to set. It is a vigorous grower and is as well adapted for cultivation under glass as for the open ground.

Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, and this combined with its attractive appearance, its immunity to wilt and rust, as well as to the tenaciousness of its skin, which minimizes the cracking of the fruit, are certain to insure a promising future for it. (See illustration.)

Pkt. 20c; 3 pkts. 50c; oz. \$1.00; ¼ lb. \$3.50; transportation paid.

Bonny Best

**Produces Large Size Tomatoes
Bright Scarlet in Color**

877 Bonny Best is decidedly the "best" in its class for the Market Gardener whose trade requires really fine fruits. It is almost as early as Earliana; and is a larger tomato, and a heavier cropper. The fruits are deep scarlet in color, very smooth, perfectly round, solid and meaty. Bonny Best is also an excellent variety for the canner, as it yields from 12 to 15 tons to the acre. (See illustration.)

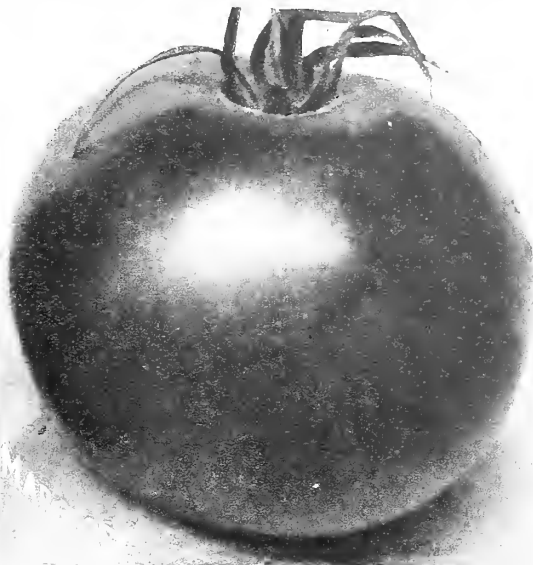
Price, pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Henderson's Crimson Cushion

881 Crimson Cushion is a scarlet "sport" from Ponderosa, and resembles the original stock in nearly all respects, but the color is brilliant crimson-scarlet. It bears a prodigious crop of perfectly shaped fruits of enormous size that ripen clear to the stem, while its rich color is sustained throughout the entire fruit.

It ripens a few fruits immediately after the very early sorts, and from then right up to frost it yields a constant supply of massive, luscious fruits. These are always extremely solid, and remain so after cooking. Served in slices its solid tempting appearance compels instant admiration, and in the final and decisive rest of flavor it is delicious. (See illustration.)

Price, pkt. 15c; 2 pkts. 25c; oz. \$1.00; ¼ lb. \$3.50; transportation paid.



Large Red Plum or Pomodora (Italian)

892 A beautiful bright red plum-shaped tomato. It is the most delicious and attractive salad tomato ever introduced. It contains practically no acid and possesses a delicate flavor so much desired in salads. Large Red Plum is one of the best varieties in cultivation for making the delicious tomato preserve, and it is also ideal for dehydrating. It is one of the most prolific tomatoes we have ever grown, beginning early in the season and continuing uninterruptedly up to frost. The fruits are the size of a good sized plum and are borne in clusters of six or more. Price, pkt. 20c; 3 pkts. 50c; oz. \$1.25; transportation paid.

Henderson's Standard Tomatoes

875 Beauty. Early, prolific, medium-sized, smooth, solid; purplish red; fruits until late in the season. Price, pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00; transportation paid.

879 Chalk's Early Jewel. One of the best early varieties; about a week later than Earliana. The fruit of the Jewel however, averages larger, is uniform solid, smooth, of fine quality, and brilliant scarlet; a heavy cropper. Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00; transportation paid.

883 Dwarf Champion. Of dwarf, stiff, upright growth, scarcely needing support; early and prolific, smooth, medium-sized fruits of red-purple color. Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00; transportation paid.

887 Early Freedom. The best second early Tomato in existence. Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00; transportation paid.

910 Tenderloin. Esteemed on account of its remarkable solidity of flesh, its delicious flavor, and phenomenal cropping ability. The fruit is large, almost round, very smooth and even in shape. It is more solid than any sort of equal size. The rich crimson color permeates the entire fruit.

Price, pkt. 10c; oz. 75c; ¼ lb. \$2.50; transportation paid.
FOR PRESERVES, MARMALADE, ETC.

902 Red Cherry. Bears clusters of bright red fruits the size of a Cherry. Price, pkt. 15c; oz. 50c; transportation paid.

904 Red, Pear-shaped. Produces bright red pear-shaped fruits. Price, pkt. 15c; oz. 50c; transportation paid.

908 Strawberry Winter Cherry or "Husk" Tomato. Low spreading plants, yellow fruits half an inch in diameter surrounded by a husk. Used for preserving. Price, pkt. 15c; oz. 50c; transportation paid.

914 Yellow Plum. Oval-shaped yellow fruits 2 inches in diameter. Price, pkt. 15c; oz. 50c; transportation paid.

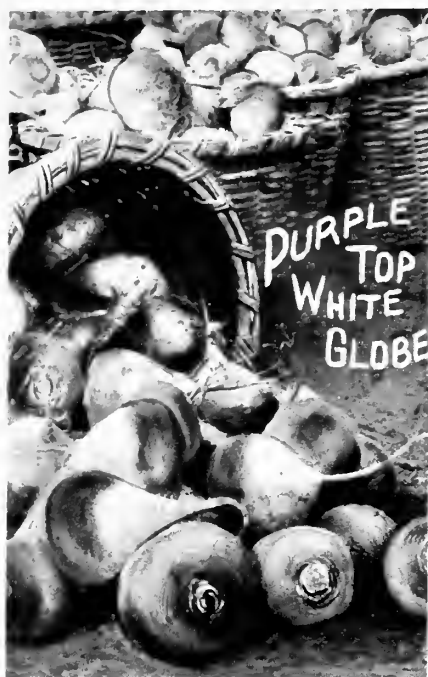
English Forcing Tomatoes

907 Stirling Castle. Small size, solid; finest flavor; scarlet; good for forcing under glass. Price, pkt. 20c; oz. \$1.00; transportation paid.

909 Sunrise. Deep rich red. The finest Tomato for indoor or outdoor cultivation. Price, pkt. 20c; oz. \$1.00; transportation paid.

Crimson Cushion

Perfect fruit without a blemish will be obtained if your tomato plants are trained on the Wooden Tomato Supports offered on page 184.



TURNIP

CULTURE.—Sow the early varieties in April or May in drills, from fifteen to eighteen inches apart, and thin out from four to six inches in the rows. For a succession sow at intervals of a fortnight until the last week in May for early crop, and in July or August for the fall crop, at which season it grows best. One oz. to 150 feet of drill.

White Fleshed Varieties

Purple Top White Globe

930 A very large globe-shaped variety. The upper surface of the bulb is reddish purple, the lower part is white. It grows smooth, has a small root and medium-sized tops. The flesh is pure white, crisp, very fine and is one of the best sorts to store for winter. Recommended for fall crop. (See illustration.) Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00. Transportation paid. ✓

Early Red Top Strap Leaved

920 This is a quick-growing sort for the early spring crop. It grows rapidly and in eight weeks from sowing will produce a good crop of tender roots of mild flavor. The leaves are short, the roots quite flat, the upper half reddish purple, the lower half white. The flesh is pure white, crisp and fine grained. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00. Transportation paid. ✓

918 Early Purple Top Milan. Resembles White Milan, but has purple top. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75. Transportation paid.

922 Early White Milan. An extra early variety of rapid growth, and with very small leaves. Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

936 Snowball. An excellent sort to sow very early for a good spring crop. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25.

938 White Egg. An oval or egg-shaped variety, with smooth, thin, white skin and snowy white flesh; firm, mild and sweet. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25.

Yellow Fleshed Varieties

Golden Ball or "Orange Jelly"

926 A very distinct variety, and the finest yellow-fleshed sort for family use. It grows a very shapely bulb, medium in size, almost round, very smooth, and quite free from side roots. The skin is pale yellow, the flesh deep yellow throughout, and so fine in texture as to earn the name "Orange Jelly." Sown in July it gives a very satisfactory crop in early fall, but can be stored and used during the winter. (See illustration.) Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25. Transportation paid.

Yellow Globe

940 A yellow-fleshed, globe-shaped variety, of large size; a splendid winter-keeper; excellent for both table and stock. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00. Transportation paid.



Ruta Baga

Swede or
Russian Turnip

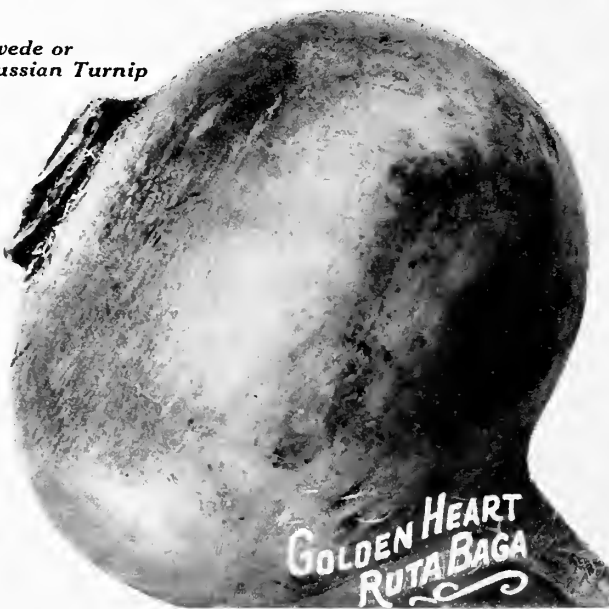
Culture same as Turnip

Henderson's

Early Cortlandt

The Earliest and Sweetest Ruta Baga—Introduced in 1928

945 Henderson's Early Cortlandt is the forerunner of a new race of Ruta Bagas. It is generally known that the older sorts are usually bitter and unpalatable till touched by frost. Early Cortlandt is sweet, tender and delicious long before the time for the first frost arrives. It is very attractive in appearance, being a rich deep cream with a blending of nankeen yellow, green and purple on the top of the root. The roots are medium in size, round with a flattened top and very uniform. The top growth is small and they may be grown closer together than any other sort. Price, pkt. 15c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50; transportation paid.



Henderson's Golden Heart

944 Excellent for the family garden. It grows as clean and smooth as a Turnip. Both tops and roots are smaller than those of any sort; it may therefore stand closer in the row, and may also be sown later in the season. The flesh is remarkably fine grained and of good flavor. (See illustration.) Price, pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50; transportation paid.

Henderson's Improved Long Island

950 It is twice the size of ordinary American stocks.

Long Island Improved has been bred from the American Purple Top, over which it is a great improvement. It is much larger, has no neck, and is a remarkably good keeper; the flesh is rich yellow, and of fine quality. Price, pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.25; transportation paid.

To Reduce the Cost of Living—Raise Your Own Vegetables 71

Witloof Chicory or French Endive

367 Called also "French Endive," "Brussels Chicory," and "Christmas Salad." Seed sown in spring produces long, thick roots, which, after lifting and "resting" a few days are replanted to start new growth, when they form the blancheted crowns which make the tenderest and most delicately flavored of salads. (See illustration.) Price, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. Transportation paid.

Henderson's booklet "Salads Growing and Blanching" gives full cultural directions. Sent free on request with orders.



Tobacco Seed

Primus. The earliest of all; succeeds well even as far north as Canada. Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

Zimmer's Spanish. The earliest and best American-Spanish, and a favorite cigar variety, increasing in demand and culture every year. Pkt. 15c.; oz. 90c.; $\frac{1}{4}$ lb. \$3.00.

Havana, Imported. Pkt. 15c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

Havana, Domestic. Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

Sumatra, Domestic. Pkt. 15c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

Connecticut. Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

Kentucky. Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

Virginia. Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

All transportation paid.

Sweet Pot and Medicinal

HERBS

951 Anise. For garnishing, cordials and flavoring. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

955 Basil, Sweet. The leaves and tops of the shoots are used for highlyseasoned soups, stews and sauces; a leaf or two is sometimes placed in salads. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.

957 Borage. Excellent for heels. The leaves are used in salads, or boiled as spinach; the flowers are aromatic and used in cool drinks. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

959 Caraway. The aromatic seeds are used in confectionery, cakes and medicine. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

961 Catnip. Used for seasoning and bee food. Pkt. 15c.; oz. 75c.

963 Coriander. For garnishing; seeds aromatic. Pkt. 10c.; oz. 25c.

965 Dill. The aromatic seeds are used in pickles, preserves, soups and sauces. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

969 Fennel Sweet. The leaves enter into sauces. Pkt. 10c.; oz. 25c.

971 Hop Seed. (*Humulus Lupulus*.) Pkt. 25c.

973 Horehound. Useful for its tonic properties and for cough remedies. Pkt. 10c.; oz. 40c.

975 Hyssop. For medicinal purposes. Pkt. 10c.; oz. 25c.

977 Lavender. A popular, aromatic herb, emitting a delightful perfume. Pkt. 10c.; oz. 50c.

979 Marjoram, Sweet. The leaves and shoots are used for seasoning. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00.

983 Rosemary. Used for seasoning. Pkt. 10c.; oz. 50c.

987 Sage. Used both green and minced or dry and powdered for seasoning. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00.

989 Savory, Summer. Used for seasoning and flavoring soups and dressings. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

991 Savory, Winter. A hardy perennial. Pkt. 15c.; oz. 60c.

995 Tansy. Pkt. 20c.; oz. \$1.00.

993 Thyme, Broad-leaved. Pkt. 15c.; oz. 75c.

997 Wormwood. Pkt. 10c.; oz. 35c.

All transportation paid.

Chinese and Italian Vegetables

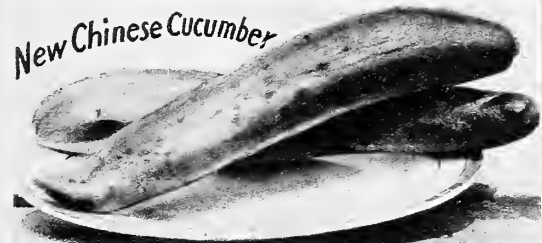
We offer on this and following page some recently introduced vegetables which are certain to be appreciated by all who grow them.

These introductions from the Celestial Empire have been grown there for forty centuries and constitute a very important part of the food of the Chinese people. P'tsai, Chi-tu-li and Wong Bok have also been known for some years to a comparatively small number of people in America who appreciate Chinese food and cooking, but they have not become known to the general public, because it has been hard to get seed in sufficient quantities to warrant seedsmen in pushing the sale. We have pleasure in announcing that we have made arrangements in China to obtain a much larger supply of seed than usual for this year.

The most outstanding characteristic of Chinese Cabbage is its perfect digestibility. There are many people who are fond of ordinary Cabbage, but dare not eat it on account of the unpleasant after-effect experienced; but no such objections can be made against Chinese Cabbage, and one may eat and enjoy it to the fullest extent.

Cooking. Besides being used boiled like cabbage, it is equally desirable and delectable served as salad or cold slaw, and may be eaten the same as lettuce or cabbage. The proper way to cook it for a vegetable is to break it into small pieces into a saucepan and cover with boiling water. Let it stand until cold, then drain and cover again with boiling water, letting it boil twenty-five minutes. It may be served with a sauce. When used as salad, cut up like celery into a bowl and cover with boiling water. Let stand a few minutes, drain and cover with cold water; in about half an hour drain and shake until dry. Serve with any dressing preferred.

Cultural Directions. Cool weather is required for best results, and where the summers are cool, sow seed in early spring. In the latitude of New York, sow seed about the middle of June, earlier if further North and later if further south. Sow in the open ground as the plants are liable to a set-back if transplanted. Sow in rows 18 inches apart, and cover seed one-half inch deep. When the plants are about 3 inches high, thin out to stand 15 inches apart in the rows. Cultivate same as Cabbage. It requires 120 days from seed sowing to mature the plants.



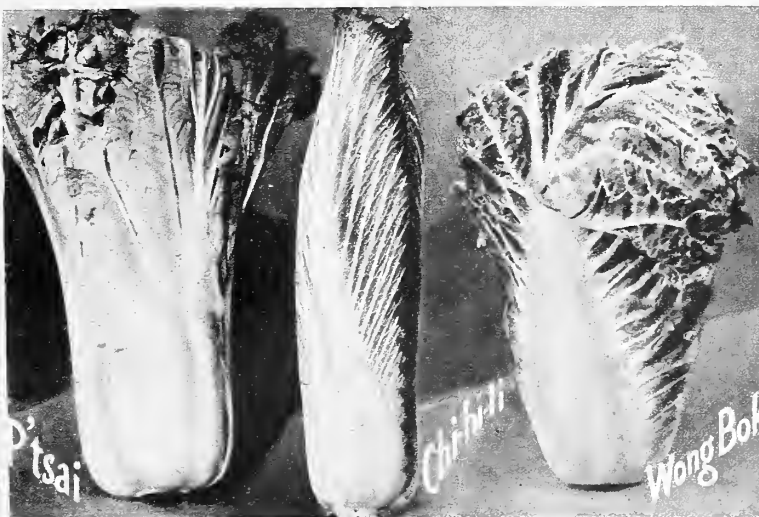
257 Chi-Hi-Li or Celery Cabbage. This variety has a long compact head which resembles celery when the outer leaves are removed. It has the same crisp, nutty flavor. Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

255 Wong Bok. This variety produces a short, thick, compact head closely packed with delicious blancheted leaves, and having outer leaves curving inward. Makes very fine salad. (See illustration.) Price, pkt. 10c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

256 P'Tsai. This is probably the best-known variety and comes from a different province of China. It is similar to Wong Bok, but the leaves are slightly outcurved. (See illustration.) Price, pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

New Chinese Cucumber

391 This variety is entirely new to America, and for the private garden we can highly recommend it. The fruits are long and slender, often measuring 15 inches in length. It is extra good for slicing and for pickles, the flesh being crisp and tender. An important quality of this Chinese variety is its disease resisting power, not being at all subject to blight and fungus diseases. It keeps on bearing fruits much longer than any other variety of Cucumber. The culture is the same as for ordinary Cucumber. (See illustration.) Price, pkt. 20c.; 3 pkts. 50c.



For Newly Introduced Italian Vegetables turn to next page.

Why Not Grow a Larger Variety of Vegetables?

Italian Vegetables

We have grouped these Italian varieties on one page in order to draw the attention of our friends to their great merits. Many of them have long been known to an exclusive circle of gourmets in the country who appreciate Italian vegetables cooked in the Italian way, but they are little known to the general public. We recommend all our customers to try them this year.

Basilico Napolitano or Sweet Basil

955 This is a variety with very large green leaves, and is one of the most popular herbs in the Italian or French Cuisine. They use it in Mock Turtle Soup, which derives its peculiar taste from the clove-like flavor of Sweet Basil. It may also be used with good effect in all seasoned stews, dressings, and sausages. Sow seed under glass, and transplant, when seedlings are 3 inches high, to a sunny situation. Set 1 foot apart, in rows 18 inches apart.

Price, pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.

Cicoria or Large-rooted Chicory

365 This is the "Barbe de Capucin" of the French. It is not difficult to grow, and is much more used in the summer by Italians and others as "greens" than as salads.

To produce "sprouts" dig up the roots in October, trim and lay them horizontally in tiers under moist earth, in a dark but warm cellar. In three or four weeks the fine white leaves will be ready for cutting. They make a most delicious vegetable salad, and the roots will produce for three weeks or more. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; 1 lb. \$2.50.

Cocozelle Di Pergola or Long Italian Squash

823 An Italian variety of squash usually grown on a trellis or pergola, when the squashes come perfectly straight. When grown on the ground the squashes are curved, as shown in the illustration. The vines are very vigorous, the squashes grow to a length of 3 or 4 feet and are about 4 inches in diameter. They are light green in color, and the pulp inside is pure white. When young and tender the squash is sliced off and fried like egg plant. When older it is cooked like other varieties. (See illustration.) Price, pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

Dente di Leone

or improved Thick Leaved Dandelion

437 The name in English means Lion's Tooth, referring to the teeth on the leaves. The common wild Dandelion is often collected in the spring for salads, but this is a very different variety. As will be seen by the illustration, it is upright and compact in growth, forming an upright tuft in the center, and is remarkable for its thick dark green leaves, its earliness, tender-upright and compact in growth, forming an upright tuft in the center, and is remarkable for its thick dark green leaves, its earliness, tenderness and succulence. Dandelion is also used boiled as "Greens." (See illustration.) Price, pkt. 20c.; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00.

Escarolle

or Broad-Leaved Batavian Endive

453 Has broad fleshy leaves, toothed at the edge, and slightly twisted, which form a large heart. Escarolle is easily blanched if tied up at the proper time, and then produces wonderfully tender and crisp inner leaves, making one of the most delicious of salads. (See illustration.) Price, pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; 1 lb. \$2.50.

Fagioli

or Dwarf Horticultural Bean

10 This is a dwarf form of the climbing horticultural variety. The pods are slightly curving in form, not very long, and when mature

there are red splashes on the yellow-green pods. The green-shelled beans are very tender and are very tasty. Much used in the South of Europe. Price, pkt. 10c.; pt. 40c.; qt. 75c.; 4 qts. \$2.50; pk. \$4.75.

Finocchio

Florence or Sicilian Fennel

967 This superior variety of Fennel is remarkable for its greatly enlarged and swollen leaf stems, which are blanched and used as salad either alone or with other salad plants. Finocchio is also used boiled as a vegetable and has a sweet, spicy and very distinct aromatic flavor. Seed should be sown between July 15th and August 1st. (See illustration.) Prices, pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; 1 lb. \$3.00.

Pomodoro

or Large Red Plum Tomato

892 A beautiful bright red plum-shaped tomato. It is the most delicious and attractive salad tomato ever introduced. It contains practically no acid and possesses a delicate flavor, so much desired in salads. Large Red Plum is one of the best varieties in cultivation for making the delicious tomato preserve, and it is also ideal for dehydrating. It is one of the most prolific tomatoes we have ever grown, beginning early in the season and continuing uninterruptedly up to frost. The fruits are the size of a good-sized plum and are borne in clusters of six or more. (See illustration.) Price, pkt. 20c.; 3 pkts. 50c.; oz. \$1.25.

Rucola Sativa or Rocket

984 Much used by Italians and South Europeans for salads. The leaves somewhat resemble French Sorrell but are darker in color, and consider-

ably larger.

They have a

distinct flavor,

slightly bitter,

rather pungent like Cress,

and delicious

in any kind of

salad or soup.

The culture is

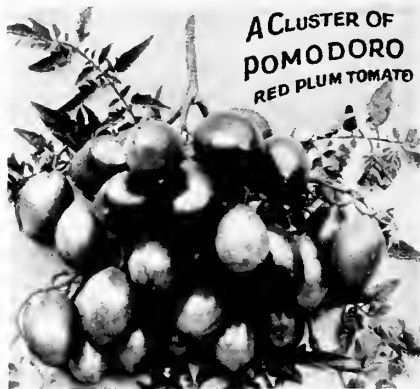
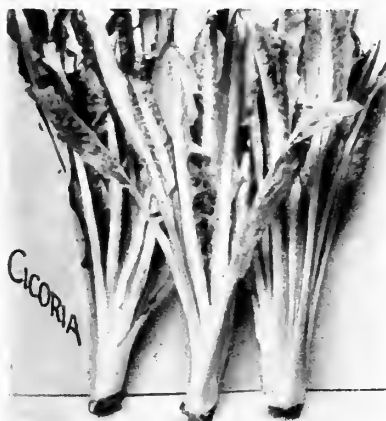
the same as

for spinach.

Price, pkt. 10c;

oz. 60c.; $\frac{1}{4}$ lb.

\$2.00.





Collections of Henderson's Vegetable Seeds

These collections are made up of varieties of known merit, that have been selected in quantities for the allotted garden space, to produce a continuous supply of delicious high quality vegetables throughout the entire season. They save time and money for busy gardeners.

7000—City Garden Collection \$1.00

A Dollar Box of Seeds for the Back Yard Garden

1 pkt. Beans	Green Bush	1 pkt. Onion	White Portugal
	Black Valentine	1 " Parsley	Double
1 " "	Wax Pod	1 " Peas	Earliest Dwarf
1 " Beet	Eclipse		Nott's Excelsior
1 " Cabbage	Early Jersey	1 " "	Dwarf Medium
	Wakefield		Early Advancer
1 " Carrot	Chantenay	1 " Radish	Early Round
1 " Corn, Sweet	Golden	1 " Squash	White Bush
	Bantam		Scalloped
1 " Lettuce	Salamander	1 " Tomato	Earliana

Price for the collection \$1.00; transportation paid. If bought separately the collection would cost \$1.45. Customers save 45c.

7002—Home Garden Collection \$2.50

For a Medium Sized Vegetable Garden, 25x50

1 pkt. Beans, Lima	Henderson's	1 pkt. Corn, Sweet	Golden
	Large White		Bantam
1 " " "	Henderson's	1 " " "	Country
	Bush		Gentleman
1 pt. " "	Henderson's	1 " Lettuce	Big Boston
	Black Valentine	1 " Melon, Musk	Rocky Ford
	Bush	1 " Onion	Yellow Globe
1 " " "	Wax Pod	1 " Parsley	Emerald
1 pkt. Beet	Eclipse	1 " Parsnip	Hollow Crown
1 " Cabbage	Early Jersey	1 pt. Peas	Nott's Excelsior
	Wakefield	1 pkt. Swiss Chard	Swiss Chard
1 " Carrot	Chantenay	1 " Tomato	Earliana
1 " Cucumber	"The Henderson"	1 " Turnip	Red Top

Price of the collection \$2.50; transportation paid. If bought separately the collection would cost \$3.00. Customers save 50c.

7004 Suburban Garden Collection \$5.00

A Complete Vegetable Garden, 50x50 Feet

This collection is for the average size family residing in the suburbs. A plan and sheet of instructions is included with every box, so that anyone can succeed in producing quantities of vegetables. The collection contains 34 varieties.

1 pt. Beans	Black Valentine	1 pkt. Melon, Musk	Rocky Ford
	Bush	1 " " Water	Cole's Early
1 " " "	Wax Pod	1 " Onion	White Portugal
1 pkt. " "	Lima Large White	1/2 oz. " "	Prizetaker
1 " " "	Pole	1 pkt. Parsley	Emerald
1 " " "	Old Homestead	1/2 oz. Parsnip	Hollow Crown
1 oz. Beet	Eclipse	1 pt. Peas, Early	Nott's
1 pkt. Cabbage	Early Jersey		Excelsior
	Wakefield	1 " " Medium	Horsford's
1 " " "	Selected Late		Market
1 oz. Carrot	Flat Dutch		Garden
1 pkt. Celery	Chantenay	1 " " Late	Juno
	Perfect White	1 oz. Radish	Early Round
1 " Corn, Sweet	Plume		Dark Red
	Golden	1 " " "	French
	Bantam		Breakfast
1 " " "	Country	1 " Spinach	Savoy
1 " " "	Gentleman	1 pkt. Squash	Hubbard
1 " Cucumber	"The Henderson"	1 " " "	Mammoth
	Green		Summer
1 " Endive	Curled		Crookneck
1 " Leek	Large Flag	1 oz. Swiss Chard	Swiss Chard
1 " Lettuce	Big Boston	1 pkt. Tomato	Earliana
1 " " "	Early Curled	1 " " "	Ponderosa
	Simpson	1 " Turnip	Early Red Top

Price for the collection \$5.00, transportation paid. This collection would cost if purchased separately \$5.80.

7006—The Country Gentleman Collection \$7.50

For a Country Estate Vegetable Garden, 75x75 Feet

This well-planned assortment of 46 varieties will furnish a continuous supply of fresh vegetables for the table all through the season, and also provide some for winter storage.

Every box contains a plan and instruction sheet which will help the gardener in laying out the plot, and also in the cultivation.

1 pt. Beans	Black Valentine	1 pkt. Cucumber	"The Henderson"	1 qt. Peas, Early	Prosperity
1 " "	Wax Pod	1 " Endive	Green Curled	1 " " Late	Everbearing
1 " "	Henderson's Bush	1 " Kale	Scotch	1 pkt. Pepper	Chinese Giant
1 pkt. " "	Lima Large White Pole	1 " Kohl Rabi	Early White	1 " Pumpkin	Large Cheese
1 " " "	Green Pole, Old Homestead	1 " Leek	American Flag	1 oz. Radish	Early Round Dark Red
1 oz. Beet	Eclipse	1 " Lettuce	May King	1 " "	French Breakfast
1 " "	Detroit	1 " " "	Salamander	1 " Rutabaga	Long Island
1 pkt. Cabbage	Early Jersey Wakefield	1 " Lettuce	Big Boston	1 pkt. Salsify	Mammoth
1 " "	Selected Late Flat Dutch	1 " Melon, Musk	Rocky Ford	1 oz. Spinach	Victoria
1 " Carrot	Chantenay	1 " " "	Early Hackensack	1 pkt. Squash	Summer Crookneck
1 oz. " "	Danvers	1 " " Water	Cole's Early	1 " "	Hubbard
1 pkt. Cauliflower	Henderson's Snowball	1 " Onion	White Portugal	1 oz. Swiss Chard	Swiss Chard
1 " Celery	Henderson's White Plume	1 oz. " "	Prizetaker	1 pkt. Tomato	Earliana
1 pt. Corn, Sweet	Golden Bantam	1 pkt. Parsley	Emerald	1 " " "	Ponderosa
1 pkt. " "	Metropolitan	1 oz. Parsnip	Hollow Crown	1 " Turnip	Purple Top White Globe
1 " " "	Henderson				

Price for the collection \$7.50; transportation paid. If purchased separately this collection would cost \$8.70.

Vegetable Seed Collections are delivered transportation paid anywhere in the United States.

SUCCESSION COLLECTION OF HENDERSON'S TESTED SEEDS

By planting the Succession Collections offered here, it is possible for the Home Gardener to extend the bearing seasons to their extreme limits thereby insuring a plentiful supply of vegetables to be gathered fresh from the garden, with all their tempting lusciousness.

Henderson's Vegetable Seed Collections are Delivered Transportation Paid in the U. S.

34 BUSH BEANS DWARF

Succession Collection of Green and Wax Varieties

Black Valentine, Green pod, early..... } See description,
Red Valentine, Green pod, 2nd early..... } pages 18 and 20
Black Wax, early..... }
Wardwells Kidney Wax, midseason..... }

Price

1 pkt. each of 4 sorts..... \$.40
1 pt. each of 4 sorts..... 1.60
1 qt. each of 4 sorts..... 3.00

239 BEET

Succession Collection

(See description, pages 24 and 25)

Extra Early Egyptian, for first crop. Early Blood Turnip, midseason.
Detroit Dark Red, late. Price, Coll. of 3 pkts. 25c.; 1 oz. each 50c.

312 CARROT

Succession Collection

Early Scarlet Horn..... } See description,
Chantenay..... } pages 31 and 32
Danvers..... }
Price Coll. of 3 pkts. 25c.; 1 oz. each 60c.

354 CELERY

Collection Three Plumed

Rosy Plume..... } see page 33
Golden Plume..... }
White Plume..... }
Price Coll. 1 pkt. each 50c.

135 CORN SWEET

The Continuity Collection of Five Varieties

These collections are made up of 5 varieties to supply the home table continuously throughout the season with tender, milky and delicious Sweet Corn. *Seeds of the entire collection should be planted at one time, otherwise the succession will be broken.*

Plant Pocahontas for extra early. Metropolitan for early. Golden Bantam for medium early. Country Gentleman for mid-season. Stowell's Evergreen for late.

(See descriptions on page 40 to 41)

PRICES

1 pkt. each of 5 varieties (sufficient for 125 hills)..... \$.50
1 pint each of 5 varieties (sufficient for 500 hills)..... 2.00
1 qt. each of 5 varieties (sufficient for 1000 hills)..... 3.75

419 CUCUMBER

All Season Collection

(See description, page 42)

Cool and Crisp. The Henderson. Green Prolific, extra early for pickling. Price, Coll. of 3 pkts. 25c.; 1 oz. each 60c.

530 HEAD LETTUCE

"Succession" Collection of Four

From these may be grown the best Lettuce possible, continuously from early spring to late fall. Sow at intervals as given in our cultural pamphlet.

Mignonette for Extra Early..... See description, page 47
Salamander, for second early..... See description, page 46
New York for main summer crop..... See description, page 46
Big Boston for spring and fall crop..... See description, page 45
Price, 1 pkt. each 40c.; 1 oz. each \$1.20.

560

MUSKMELON

Favorite Collection

Early Hackensack. Rocky Ford. Emerald Gem. (See description, page 49-50)
Price, Coll. of 3 pkts. 25c.; 1 oz. each 50c.

199

PEAS

Four Best Tall Varieties

The varieties composing these collections have been selected as the best of the true and tried wrinkled Peas of superior quality for home use, including extra early, medium main crop and late varieties, so that a continuous supply of luscious peas can be had from the successively maturing sorts for several weeks.

Prosperity, for extra early..... see page 57
Horsford's Market Garden, for early..... see page 59
Telephone, for midseason..... see page 58
American Champion, for main crop..... see page 58

200

PEAS

Four Best Dwarf Varieties

Nott's Excelsior, for extra early..... see page 56
Melting Marrow, for early..... see page 56
Advancer, for midseason..... see page 59
Juno, for main crop..... see page 58

PRICES (State whether Tall or Dwarf is wanted)

1 pkt. each of 4 sorts (enough for 50 feet of drill)..... \$.30
1 pint each of 4 sorts (enough for 200 feet of drill)..... 1.50
1 quart each of 4 sorts (enough for 400 feet of drill)..... 2.75

622 ONION

Collection of Famous Globes

(See description, page 53)

Southport White Globe.
Southport Red Globe.
Southport Yellow Globe.

Price Coll. of 3 pkts. 30c.; 1 oz. each \$1.00.

768 RADISH

Henderson's Five Turnip Varieties

(See description, page 63)

Early Scarlet Globe.
White Tipped Scarlet Turnip.
Early Round Dark Red.
Early Scarlet Turnip.
Rose Turnip.

Price Coll. of 5 pkts. 40c.; 1 oz. each 90c.; ¼ lb. each \$2.40.

769 RADISH

Rocket Collection

(See description, page 64)

Red Rocket.
White-Tipped Rocket.
White Rocket.
Price Coll. of 3 pkts. 25c.; 1 oz. each 60c.

850 SQUASH

Kitchen Garden Collection

(See description, page 67)

White Bush Scalloped.
Yellow Bush Summer Crookneck
Hubbard.
Price Coll. of 3 pkts. 25c.; 1 oz. each 55c.

916 TOMATO

Bountiful Collection

Earliana..... see page 68
Bonny Best..... see page 59
Ponderosa..... see page 68
Price of 3 pkts. 25c.

Make Your Garden Work Full Time—Grow Vegetables for Winter

With proper management, fresh vegetables may be had from the garden almost from the beginning till the end of the year.

For your health's sake, grow and eat plenty of vegetables. They supply the human body with the tonics and minerals needed to keep it in good health. Vegetable foods are also rich in proteins, carbohydrates, fats and vitamins, all of which are required for a well balanced diet. We wish to make it generally understood that the possibilities of the

garden have by no means been exhausted after the first crop is produced. Sowings may be made all during the summer, till well into fall. The dates below are for the latitude of New York.

Henderson's Garden Guide and Record, given free with a three-dollar order, contains much information about garden management and crop rotation. (See page 3.)

Varieties and Last Date for Sowing

Asparagus Roots, Plant Early Spring and up to Nov. 15th.	Cabbage, June 15th.	Corn, Sweet, July 5th.	Lettuce, Aug. 15th.	Pumpkin, to June.
Beans, Lima, June 5th.	Carrot, Aug. 15th.	Cress, Garden, Sept. 1st.	Mustard, Aug. 15th.	Radish, Spring, until Sept.
Beans, Dwarf or Bush, until Aug. 1st.	Cauliflower, June 15th.	Cress, Water, Aug. 1st.	Onion Sets (Perennial), Oct. 30th.	Radish, Winter, to Aug.
Beets, Aug. 15th.	Celery, Apr. 10th.	Cucumber, July 15th.	Parsley, Aug. 1st.	Ruta Baga, to June
Brussels Sprouts, up to June (in seed bed).	Chinese Cabbage, Aug. 10th.	Endive, Aug. 1st.	Parsnip, May 1st.	Spinach, Sept. 15th.
	Collards, July 5th.	Kale, Aug. 1st.	Peas, July 15th.	Swiss Chard, Aug. 1st.
	Corn Salad, Aug. 10th.	Kohl-Rabi, July 15th.		Turnip, Aug. 1st.

Your neighbor or garden-loving friend will appreciate receiving this catalog from you if you have no further use for it.



Henderson's Special Grass Seed Mixture for Hay and Permanent Pasture

Produces Wonderful Crops and Pastures, Maintaining its Cropping Qualities Twenty Years or More

This mixture is made up of native and acclimated foreign Grasses and Clovers, blended and improved upon during trials under widely varied conditions, soils and localities for several years until practically perfect, our aim being to produce, under the extremes of the American climate, a *Permanent* dense and deep-rooting turf that would yield year after year the maximum quantity of foliage. These Grasses are of superior quality, inviting, sweet and nourishing, whether used as hay or pasture.

In preparing these Mixtures the greatest care is exercised in selecting such varieties as are suited to the soil to be sown and are likely to realize the object in view. **Therefore a description of the soil whether Light, Medium or Heavy, and climate, and if with or without a grain crop, should accompany each order.** (See illustration.) Sow 40 lbs. per acre. Price (purchaser paying transportation), 55c. per lb.; 10 lbs., \$5.00; 10 lbs., \$5.00; \$40.00 per 100 lbs.

David E. Howatt of the famous Rancocas Farm says "IROQUOIS and all our famous racers grow up on Henderson's Pasture Grasses."

Henderson's Special Grass Mixture for Woodland Pastures

Is composed of a selection of Grasses which will thrive under trees. Orchard Grass is one of the best Grasses for the purpose, but this mixture is much superior, as it will make a closer and more even pasture than Orchard Grass alone. Sow 40 lbs. per acre.

Price (purchaser paying transportation), 60c. per lb.; 10 lbs., \$5.50; \$50.00 per 100 lbs.

Henderson's Renovating Mixture for Impoverished Grass Lands

Sow the grass seed at rate of 40 lbs. to an acre. Price (purchaser paying transportation), 55c. per lb.; 10 lbs., \$5.00; \$40.00 per 100 lbs.

Henderson's Special Grass Seed Mixture For Permanent Hay

Supplies a Good Crop of Hay in Dry Seasons When Ordinary Hayfields are Burned Up

Although the most widely cultivated hay Grass in the United States is Timothy, or a mixture of Timothy and Clover, and while they answer the purposes admirably on farms where the soil is suitable and where the usual three and four years' rotation is carried on, yet there are many other Grasses which will yield more profitable returns.

An acre of Henderson's Special Grass Mixture for Permanent Hay will yield double the quantity of an acre of Timothy and Clover, and the farmer whose land is sown with a proper mixture of Permanent Grasses, requiring only an occasional top-dressing of manure or fertilizer to maintain heavy cropping qualities for twenty years or more, avoids the expense of the yearly plowing and cultivating, necessary in rotation cropping. Sow 40 lbs. per acre.

Price (purchaser paying transportation), 55c. per lb.; 10 lbs., \$5.00; \$40.00 per 100 lbs.

Henderson's Special Grass Mixture For Permanent Pasture

Supplies Continuous and Abundant Pasture for Twenty Years or More, Remaining Green and Succulent All Summer Long

There is no more important part of a farm than a good pasture, and that can only be obtained by the use of the proper Grasses, varieties that have different root formations and different habits and season of growth, in order to maintain a rich, close turf throughout the entire season. Timothy should never be used for pasture, because it will not stand trampling, and soon runs out when heavily pastured and at best is short-lived, as compared with the permanent Grasses used in our Special Mixtures. These Mixtures contain over a dozen of the best permanent Grasses, both American-grown and imported. All are permanent, and when once established will last indefinitely, if the fertility of the soil is kept up by occasional top-dressing. Sow 40 lbs. per acre.

Price (purchaser paying transportation), 55c. per lb.; 10 lbs., \$5.00; \$40.00 per 100 lbs.



Grimm Alfalfa Seed The Hardest Alfalfa Known

This strain of Alfalfa seed endures extremely low temperature, and will bear more abuse in the way of pasturage than any other forage plant. Grimm Alfalfa has larger crowns, and a more spreading root system than the ordinary Alfalfa, and will yield from ten to fifteen per cent. more, will start and thrive in moist locations, where the ordinary sort was tried unsuccessfully.

Price (Domestic grown), 85c. per lb.; \$45.00 per bushel of 60 lbs.; \$70.00 per 100 lbs.

Write for our pamphlet, "Alfalfa on Northern Farms," free to all applicants.

Henderson's Recleaned Northern Grown Alfalfa Seed

Our strain of Alfalfa seed is grown in far Northern regions where plants have to endure extreme cold and still thrive in those high altitudes. Our experience—and that of our customers—has shown that such seed is undoubtedly the best for the Northern and Eastern States, and that it excels all others in hardiness. Before offering this seed to our customers for sale, it is thoroughly recleaned by the most modern seed-cleaning machinery in America. Sow in the Northern States during June, July or August, 30 to 40 lbs. of seed per acre if broadcast, 25 to 30 lbs. if drilled. In the South sow in February or September.

Price, Henderson's Recleaned Seed (Domestic grown), 60c. per lb.; \$30.00 per bushel of 60 lbs.; \$45.00 per 100 lbs.

Clovers build up the Soil and Feed the Stock

Henderson's Superior Recleaned Grass Seeds

(See also page 9)

Prices subject to change without notice, owing to the fluctuations of market. Write for special prices on larger quantities.

	Weight per Bush.	Per Bush.	Per Lb.	Per 100 Lbs
Awnless Brome Grass (<i>Bromus inermis</i>). Will produce heavy crops in poor soils.	14 lbs.	\$ 7.00	\$.60	\$ 45.00
Bent, Astoriana (<i>Agrostis capillaris</i>). Underground creeper, requires much less care and top dressing than vegetative Bent.	20 lbs.	42.00	2.50	200.00
Bent, Colonial (<i>Agrostis Tenuis</i>). Imported from New Zealand and similar to Rhode Island Bent; thrives on acid soils.	20 lbs.	35.00	2.00	150.00
Bent, Creeping (<i>Agrostis Species or So. German Mixed Bent</i>). Fine for Putting Greens; has creeping root stems.	20 lbs.	35.00	2.00	150.00
Bent, Rhode Island (<i>Agrostis Tenuis</i>). Makes a very fine dark green turf.	20 lbs.	35.00	2.00	160.00
Bent, Seaside (<i>Agrostis Maritima</i>). A creeping variety from Oregon, forms a close mat like sward.	20 lbs.	42.00	2.50	200.00
Bermuda Grass (<i>Cynodon dactylon</i>). A valuable grass for the south, creeping in habit and rooting at joint.	35 lbs.	.....	.70	55.00
Blue Grass, Canada (<i>Poa compressa</i>). Useful for sowing on hard clay, and poor soils.	20 lbs.	12.00	.70	55.00
Blue Grass, Kentucky (<i>Poa pratensis</i>). Fancy, extra clean, the best of all grasses for lawns.	20 lbs.	13.00	.70	60.00
Crested Dog's Tail (<i>Cynosurus cristatus</i>). All lawn mixtures should contain this variety in moderation.	21 lbs.	12.00	.65	50.00
Fescue, Cheving's New Zealand (<i>Festuca Cheving's</i>). A leading variety for Putting Greens and lawns. Makes a compact, dark green turf.	20 lbs.	14.00	.75	65.00
Fescue, Creeping Red (<i>Festuca Rubra True or North German Green</i>). Forms a dense permanent turf.	25 lbs.	35.00	1.75	125.00
Fescue, Fine-leaved Sheep's (<i>Festuca tenuifolia</i>). Thrives on very dry soils and in the shade.	14 lbs.	10.00	.80	65.00
Fescue, Hard (<i>Festuca duriuscula</i>). Forms a dense mat, succeeds on dry rough places.	14 lbs.	7.50	.65	50.00
Fescue, Meadow (<i>Festuca pratensis</i>). For wet soils it is excellent; grows thirty inches high.	22 lbs.	9.00	.45	30.00
Fescue, Red (<i>Festuca rubra</i>). Forms a close sod, valuable for lawns and Putting Greens.	14 lbs.	10.00	.80	60.00
Fescue, Sheep's (<i>Festuca ovina</i>). A bunch grass, dense in growth.	14 lbs.	7.50	.65	50.00
Fescue, Tall Meadow (<i>Festuca elatior</i>). Early, nutritive and productive in pastures having wet or clay soils.	14 lbs.	10.00	.80	60.00
Fescue, Various Leaved (<i>Festuca heterophylla</i>). Good for a permanent pasture.	14 lbs.	11.00	.90	70.00
Orchard Grass (<i>Dactylis glomerata</i>). A valuable grass for pasture or hay.	14 lbs.	7.00	.60	40.00
Red Top Fancy (<i>Agrostis palustris</i>). A creeping perennial grass, doing well on all soils.	32 lbs.	16.00	.55	45.00
Red Top Ordinary. Same as above but lighter in weight per bushel.	14 lbs.	4.00	.40	25.00
Rough Stalked Meadow (<i>Poa trivialis</i>). Good for shady situations and damp soils.	20 lbs.	16.00	.90	70.00
Rye Grass English (<i>Lolium perenne</i>). A rapid growing variety for lawns.	24 lbs.	7.00	.40	25.00
Rye Grass Italian (<i>Lolium italicum</i>). An annual variety, sown in the fall, it produces a good hay crop in the spring.	18 lbs.	5.50	.40	25.00
Rye Grass, Pacey's Perennial (<i>Lolium perenne</i>). Good for Fairways and wherever a quick turf is desired.	30 lbs.	9.00	.40	28.00
Sudan Grass (<i>Sorghum sp.</i>). A valuable Egyptian forage plant; makes a good hay crop.	25 lbs.	5.00	.30	15.00
Sweet Vernal, True Perennial (<i>Anthoxanthum odoratum</i>). It imparts an agreeable odor to the hay.	10 lbs.	.....	2.00	.....
Tall Meadow Oat (<i>Avena elatior</i>). Recommended for soiling and on hay mixtures.	10 lbs.	5.50	.65	50.00
Timothy (<i>Phleum pratense</i>). A choice grade, free from weed seeds.	45 lbs.	10.00	.25	20.00
Wood Meadow Grass (<i>Poa nemoralis</i>). Grows well under trees and in moist places.	14 lbs.	16.00	1.25	100.00
Yarrow (<i>Achillea millefolium</i>).			2.00	

Henderson's "Farmers' Manual" contains full descriptions of all Farm Seeds. Sent free to customers and all applicants.

Medium Red Clover

Domestic Grown (*Trifolium Pratense*)

Red Clover grows 1 to 2 feet in height and usually makes two crops a year, yielding two to three tons of cured hay per acre. Stock fed on it requires less grain; chopped and steamed it is a good substitute for green food for poultry during the winter. As pasturage all animals thrive on it, particularly cattle, sheep and pigs, and as a green manuring and soiling crop it is very valuable, adding humus and nitrogen to the soil. In Northern States Red Clover seed is usually sown in the spring; the earlier the better. If grown alone, use 12 to 14 lbs. of seed per acre if broadcasted, and cover not over half an inch deep.

Price, Henderson's (Domestic Grown) (extra recleaned) 70c. per lb. \$38.00 per bush. of 60 lbs.; \$60.00 per 100 lbs.

Mammoth Red Pea Vine Clover (*Trifolium Pratense perenne*)

Domestic Grown

Quite distinct from the common Red Clover. Of very robust growth, yielding enormous bulk, valuable for reclaiming exhausted lands. Perennial. Time of flowering, July. Height, 2 to 3 feet. Sow (if alone) about 12 lbs. per acre. Price (Domestic Grown), 80c. per lb.; \$40.00 per bush. of 60 lbs.; \$65.00 per 100 lbs.

Alsike or Hybrid Clover (*Trifolium Hybridum*)

Alsike is a perennial and one of the hardiest of all Clovers, thriving in the coldest climates, making hay of fine texture. Height, 1 to 2 feet. We advise farmers to add 2 to 3 lbs. per acre to their usual seeding of Red Clover and Timothy. Sow (if alone) 8 lbs. per acre. Price, 70c. per lb.; \$38.00 per bush. of 60 lbs.; \$60.00 per 100 lbs.

Dutch or Honeysuckle White Clover (*Trifolium repens*)

A valuable addition to permanent pastures, as it furnishes plant food to the other Grasses. Perennial. Time of flowering, May to September. Height, 6 inches (creeping). In mixtures for lawns White Clover is used to prevent washing out of soil during heavy rains. Sow (if alone) 8 lbs. per acre.

Price, 80c. per lb.; \$40.00 per bushel of 60 lbs.; \$65.00 per 100 lbs.

White Bokhara Clover (*Sweet Clover Melilotus alba*)

Grown as a forage plant, and often for bees; the numerous small white flowers possess a sweet, honey-like fragrance. It is of great value for plowing under for green manuring. Height, 3 to 5 feet. Sow 10 lbs. per acre. Price, 40c. per lb.; \$18.00 per bush. of 60 lbs.; \$25.00 per 100 lbs.

Mixed Permanent Clovers

Do not omit to sow Clovers with the Grasses, as they add to the yield of hay and pasture, collect atmospheric nitrogen and store it in the root nodules, assist the growth of the Grasses and are of benefit to subsequent crops. Permanent Clovers, on account of their greater weight, should be sown separately but at the same time as the Grasses. This Mixed Clover comprises White, Mammoth Perennial or Cow Grass, Alsike, etc. Sow 10 lbs. per acre.

Price, 75c. per lb.; \$6.50 per 10 lbs.; \$55.00. per 100 lbs.

Crimson or Scarlet Clover (*Trifolium Incarnatum*)

Plowing under a crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre and even if the Clover be harvested or pastured, the benefits derived from the nitrogenous root formation will many times repay the cost of seed and labor.

Sow at the rate of 15 lbs. of seed per acre, either broadcast or drilled.

Cover lightly with a harrow.

In the latitude of New York City sow from July 15 to September 15, and in the South as late as October. Time of flowering is June; height, 2 feet.

Price, 50c. per lb.; \$21.00 per bush. of 60 lbs.; \$30.00 per 100 lbs.

Japan Clover

(*Lespedeza Striata*)

An annual plant grown as a summer pasture, green forage, hay crop and also for plowing under as green manure. It will flourish on poor soils. Sow 14 lbs. per acre.

Price, 70c. per lb.; \$12.00 per bush. of 20 lbs.; \$55.00 per 100 lbs



Prices subject to change without notice, owing to the fluctuations of market. Write for special prices on larger quantities.

Oats

IMPORTANT. A change of Seed Oats is necessary and the seed should be renewed at least every second or third year. Oats grown on the same soil or in the same neighborhood year after year deteriorate rapidly and soon become light, chaffy and unprofitable.

Henderson's Clydesdale

The Most Popular High-Grade White Oat

Since we introduced this Grand Oat it has steadily and deservedly gained in popularity, until today it is the **most popular High-Grade White Oat in the United States.** The ultimate financial benefit accruing to the American farmers by the annual distribution of several thousand bushels of **Henderson's Clydesdale Oat** cannot be overestimated. These Oats weigh **considerably more per measured bushel than any other variety,** so that the produce is worth for seed purposes at least double the market value of ordinary Oats. **No other Oat can show such a record—75 to 100 bushels per acre, and double the usual quantity of straw.** Another most important advantage of **Henderson's Clydesdale Oat** to the farmer is the fact that they have been thoroughly cleaned by the latest and most improved machinery; and are absolutely free from weed seeds. Sow 3 bushels per acre. (See illustration.)

Price, Henderson's Clydesdale Oat , per peck	\$0.80
Per Standard bushel of 32 lbs.	2.25
10-bushel lots and upward, per bushel	2.15
100-bushel lots, per bushel	2.00

Purchaser pays Transportation charges

Growers Praise Clydesdale

"I purchased from you last spring 15 bushels **Henderson's Clydesdale Oats** which I put on 4 4-5 acres and got 450 bushels of fine oats."

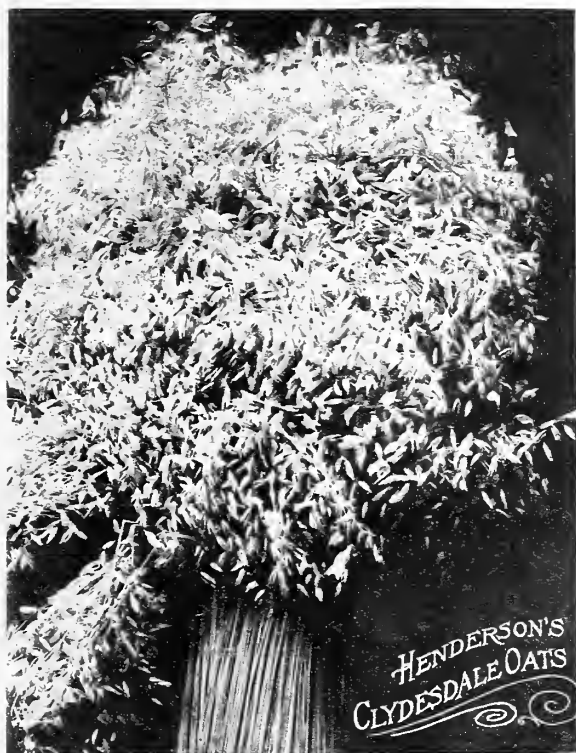
CYRUS REIMER, Cleveland, Ohio.

"The **Henderson's Clydesdale Oats** purchased from you about two years ago were the best we ever saw, and we have had good success with them."

R. H. MULL, Phillipsburg, Pa.

"I purchased of you a number of bushels of **Henderson's Clydesdale Oats.** They proved wonderful oats and last spring I sowed again from the same seed."

C. ELPHICK, Ludlow, N. J.



Long's White Tartar

Vigorous Constitution

The earliest, heaviest and most prolific domestic-grown Side Oat in cultivation. It is suitable for all soils; of robust and vigorous constitution, is remarkably early and an immense cropper; the straw is long and stout, stands up well and does not readily lodge or twist. The heads measure from 8 to 10 1/2 inches, and the kernels are of immense size, thick, plump and heavy; it is undoubtedly the heaviest cropping domestic white Oat ever offered.

Planted alongside some of the older varieties, it usually yields more than double the number of bushels per acre of any of the other sorts; 100 bushels per acre may be expected of it under good conditions.

Its extreme earliness, great length and strength of straw, thick, plump grains and the heavy yields it is capable of producing give Long's White Tartar all the necessary qualifications which go to make an ideal Oat. Sow 3 bushels per acre. (See illustration.)

Price, **Long's White Tartar Oat**, 80c. per peck; \$2.50 per Standard bushel of 32 lbs.; 10-bushel lots and upward, per bushel \$2.40; 100-bushel lots, per bushel \$2.25.

Purchaser pays Transportation charges

Send for "Henderson's Farmers Manual" (ready February 1st) and read full descriptions of all farm seeds.

Early Newmarket

A grand breed of English pedigree oats producing very early heavy crop of large plump oats. Sow 3 bus. per acre. Price, 70c. peck; \$2.25 bushel (32 lbs.); 10 bushel lots at \$2.15 per bushel; 100 bushel lots at \$2.00 per bushel.

Storm King

This is a side oat. The true white tartarian. The average weight of the grain is 40 lbs. Sow 3 bus. per acre. Price, 90c. peck; \$2.50 per bushel (32 lbs.); 10 bushel lots at \$2.40 per bushel; 100 bushel lots at \$2.25 per bushel.

Swedish Select

Recommended by the U. S. Dept. of Agriculture. Strong grower, grain short, plump and heavy. Sow 3 bus. per acre. Price, 70c. peck; \$2.00 per bushel (32 lbs.); 10 bushel lots at \$1.90 per bushel; 100 bushel lots at \$1.75 per bushel.



FIELD CORN

Henderson's Early Golden Orange Dent Field Corn

Introduced by us in 1928

A 90 to 100 Day Variety. Long Desired by the Northern Farmer. Ears 8 to 11 inches long. 14 to 18 rows of Kernels.

For a number of years past there has been an insistent demand in the North and East for a really early variety of Golden Dent Field Corn; one that would mature in from 90 to 100 days of corn growing weather.

We are glad to offer this year for the first time, a variety from the Middle West which fulfills exactly the requirements of the Northern Farmer.

Henderson's Early Golden Orange Dent Corn is the most desirably colored corn we have ever seen, and when shelled it makes the prettiest picture ever presented to the eye of the farmer. It is at least ten to fifteen days earlier than any other Dent variety, maturing in about ninety to one hundred normal corn days and specially adapted for short seasons of the northern latitudes.

The stalks are about 10 to 12 feet high, very strong and rank. The ears grow eight to eleven inches long and contain 14 to 18 rows of kernels on a red cob.

The grains are deep and solid making it very heavy in grain and a wonderful sheller.

Henderson's Early Golden Orange Dent Corn also, produces good fodder, and we are sure we will make a firm friend of every Northern Farmer we ship it to.

The ears for shelling were all selected by hand and the seed is in first-class merchantable condition. We advise early orders as the stock this year is limited. (See illustration.)

Price, 75c. per qt.; \$1.50 per half-peck; \$2.25 per peck; \$7.00 per bushel.

Henderson's Diamond Jubilee

Golden Dent Field Corn

Matures in 110 Days.

Small Cobb.

70 Pounds of

Ears Produces 62 Pounds of Corn

The ears average ten to fourteen inches in length, are of a beautiful golden-yellow color, and are produced low down on the stalk. The cob is red, small, and firm, and covered with eighteen to twenty-two rows of deep, heavy grain. Seventy pounds of the ears will, when dry, shell sixty to sixty-two pounds of Corn. The ears are of surpassing uniformity, which accounts for the extra good yield of over one hundred bushels per acre when planted on good corn land.

The stalks are about twelve feet in height, standing up well. The foliage is luxuriant, the stalks being furnished to the bottom, making the fodder of exceptional feeding value.

It is from ten to fourteen days earlier than Long's Champion, and can be planted further North, with every change of fully maturing.

We recommend planting it in hills, three and one-half feet apart each way, allowing three plants to the hill. When planted in rows allow the same distance between the drills and about sixteen inches between the plants. (See illustration.)

Henderson's Diamond Jubilee cannot be procured from other seedmen or dealers. Price, 60c. per qt. \$1.75 per peck, \$5.50 per bushel, 10 bushel lot, \$5.40 per bushel.



Long's Champion Yellow Dent Field Corn

In the last 15 years on a section of 90 acres this Corn has yielded an average of 133 bushels of Shelled Corn per acre and has yielded as high as 160 bushels

This King of Corns is without doubt the most productive Yellow Dent Corn ever produced, and will be found to be of great value to the farmer, especially in the Middle and Eastern States, where from 120 to 130 days of good corn-growing weather can be relied upon: on account of its immense yield, at least 25 per cent, and often 50 per cent, more than can be obtained from the old-type varieties.

The ears are of immense size, 12 to 14 inches in length, 8 to 11 inches in circumference, carrying 20 to 24 uniform rows of long, large kernels well developed over tip and butt.

It is a luxuriant grower, about 12 to 15 feet high, and in Lebanon County, Pa., where it originated, has never failed to mature by September 20th, when planted during the first half of May.

Long's Champion is the result of years of breeding and selection by Mr. L. S. Long, of the Pennsylvania Corn Belt. Price, 60c. per qt.; \$1.75 per peck; \$5.50 per bushel; 10-bushel lots, \$5.40 per bushel.

Field Corn—other Dent Varieties

Sow 8 to 10 qts. per acre. In ten-bushel lots or over, deduct 10c. per bushel on Dent and Flint Corns.

Eureka, Yellow Dent, (Henderson's). A tremendous yield, 150 bushels of shelled corn per acre is not unusual.

Gives unqualified satisfaction from New Jersey to Ohio and South. Price, 50c. per qt.; \$1.50 per peck; \$4.50 per bushel.

Wood's Northern White Dent. The earliest large White Dent. Ears 10 to 12 inches long. Price, 50c. per qt.; \$1.50 per peck; \$5.00 per bushel.

Queen of the Prairie. (Pride of the North.) Early Yellow Dent maturing North. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel.

Leaming Improved. Low-set ears of good size, golden grain, productive. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel.

White Cap Yellow. Early; thrives on light soils, grain yellow, tipped white. Price, 45c. per qt.; \$1.40 per peck; \$4.00 per bushel.

Proof. "We had excellent results with 'Henderson's Diamond Jubilee Golden Dent Corn,' in fact our farm foreman thinks it is the best field Corn he ever planted. We think it will be the standard with us on our ten farms in the future."
T. J. ZOLLER, Jacob Zoller Co., Manufacturers of Food Products, Little Falls, N. Y.

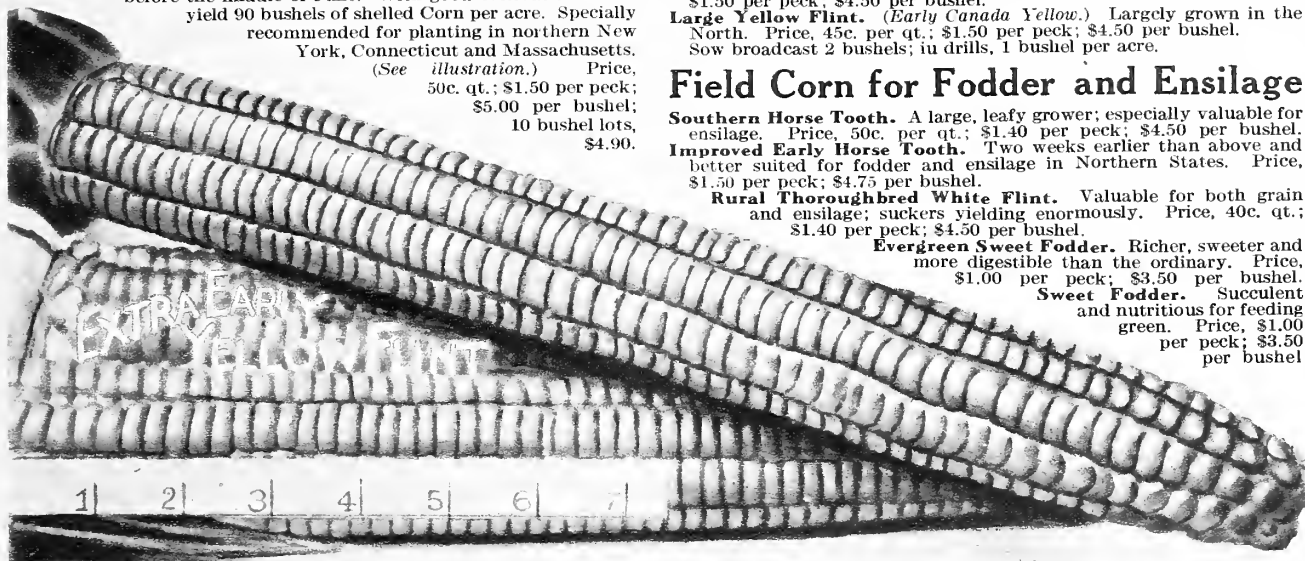
Henderson's Seed Introductions Bring the largest Profits 79

Field Corn—Continued Extra Early Yellow Flint

This is the earliest variety in existence and especially adapted to Northern conditions (cool nights and short summers). The ears are eight-rowed, frequently measuring 15 inches and over, of a rich amber color, thickly set with large broad kernels. The stalks are of medium height. In ordinary seasons it will mature in ninety days, and can be shelled and ground for feed earlier than any other large-yielding variety.

It is especially valuable in sections where Corn cannot be planted before the middle of June. With good cultivation it will yield 90 bushels of shelled Corn per acre. Specially recommended for planting in northern New York, Connecticut and Massachusetts.

(See illustration.) Price,
50c. qt.; \$1.50 per peck;
\$5.00 per bushel;
10 bushel lots,
\$4.90.



Other Flint Varieties

Sow 8 to 10 Quarts per Acre

Compton's Early Flint. The earliest known Yellow Flint variety, ripening in from 76 to 85 days. It is a handsome 10 and 12-rowed sort; very productive; and will ripen in the Northern States. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel.

King Philip. Coppery-red. Very early. Usually matures three months after planting. Ears large sized and handsome. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel.

Longfellow. A large 8-rowed Yellow Flint; ripens as far north as Massachusetts. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel.

Large White Flint. Large, handsome well-filled ears. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel.

Large Yellow Flint. (Early Canada Yellow.) Largely grown in the North. Price, 45c. per qt.; \$1.50 per peck; \$4.50 per bushel. Sow broadcast 2 bushels; in drills, 1 bushel per acre.

Field Corn for Fodder and Ensilage

Southern Horse Tooth. A large, leafy grower; especially valuable for ensilage. Price, 50c. per qt.; \$1.40 per peck; \$4.50 per bushel.

Improved Early Horse Tooth. Two weeks earlier than above and better suited for fodder and ensilage in Northern States. Price, \$1.50 per peck; \$4.75 per bushel.

Rural Thoroughbred White Flint. Valuable for both grain and ensilage; suckers yielding enormously. Price, 40c. qt.; \$1.40 per peck; \$4.50 per bushel.

Evergreen Sweet Fodder. Richer, sweeter and more digestible than the ordinary. Price, \$1.00 per peck; \$3.50 per bushel.

Sweet Fodder. Succulent and nutritious for feeding green. Price, \$1.00 per peck; \$3.50 per bushel.

Early Wilson Black Soja Bean

This variety has proved its earliness and value in the Northern States by not only producing large fodder crops, but ripening the seed as far north as Massachusetts. The grain is the richest vegetable substance known, and when ground and fed to cattle gives a milk richer and better than if fed other meal. The American farmer can now, by the aid of the Soja or Soy Bean, and Japanese Millet, grow on his own farm, at small cost, a combination which furnishes a wholesome, economical and completely balanced feed for milch cows. This combination should be composed of two parts Millet or Corn to one part Soja Beans, grown separately, but mixed thoroughly at the time of cutting and filling of the silo. We recommend that grain be fed occasionally as a change, but four-fifths of the grain bill can be saved. Planted the latter part of May, in latitude of New York, the Beans are ready for harvesting in about 100 days. Sow the Beans from the middle to end of May, and the Millet from last week in June till first week in July; both will then be ready for silo about the end of August.

Planted in rows 2 1/2 feet apart, 6 to 8 plants to the foot of row, requiring three pecks per acre, they yield 15 to 20 tons per acre of fodder, very rich in flesh formers. For green feed, use from time of blossoming till pods are well filled; for the silo, cut as soon as most of the pods are well filled, and cut into 1/2-inch to 2 1/2-inch lengths. The Soja Bean is also valuable as a soil enricher, gathering nitrogen from the air same as Clover, the roots being crowded with nodules which give them this power. (See illustration.)

Price, 40c. per lb.; \$1.75 per peck; \$5.00 per bushel of 60 lbs.; 10 bushel lots \$4.90 per bushel.

Canada Field Peas

There is no crop of greater value than Field Peas. Whether for fodder, in mixture with Oats, sown at the rate of 2 bushels of Peas and 1 bushel of Oats per acre, or the Peas sown alone at the rate of 3 bushels per acre for plowing under. Peas have the power of extracting nitrogen from the air and fixing it in the soil. Peas and Oats in mixture can be fed with positive advantage to all stock. The Marrowfat and Field Peas, especially the white variety, are valuable for early spring sowing; being exceptionally hardy, the crop is not easily injured by late frosts. Sown alone for fodder or in combination with Oats for hay, or as a crop to plow under for green manure, they are unsurpassed.

Prices of Field Peas for Fodder and Green-Manuring.

Peas, Canada White, \$1.75 per peck; \$5.00 per bushel of 60 lbs.; 10-bushel lots, \$4.90 per bushel.

Cow Peas

Cow Peas are more tender than Canada or Field Peas and should not be sown until Corn-planting time. They can be sown as late as the middle of July with assurance of a profitable crop.

The early varieties are grown for forage and soiling as far north as Massachusetts, but so far north the crop may not ripen seeds. As a soil renovator and enricher Cow Peas are very valuable. Collecting nitrogen from the air and fixing it in the soil, thus adding this expensive element to the land without cost, and leaving it richer and in better condition for the future crop. Cow Peas grow on all soils from the stiffest clays to porous sands; barren uplands and alluvial bottoms. The feeding value is high, being especially rich in blood, bone and muscle-forming material. For green-manuring clay land, the crop should be turned under green. On sandy soil, already too light, the vines should decay on the surface and then be turned under. Sow 2 bushels per acre.

Black Eye Cow Peas. A popular and productive early sort.

Price, 40c. per lb.; \$5.00 per bushel of 60 lbs.; 10-bushel lots \$7.90 per bushel.

New Era Cow Peas. A new, extra-early variety, earlier than the Black Eye, the quickest growing of any of the Cow Peas, maturing in about 60 days, specially adapted for planting north. Yields well. Price, 40c. per lb.; \$7.00 per bushel of 60 lbs.; 10-bushel lots \$6.90 per bushel.



Purchasers pay transportation charges on all Farm Seeds

80 Bring Your Soil and Fertilizing Problems to Us for Advice



Golden Millet (Northern Grown)

Millet is a dry weather, summer catch crop, supplementing other early summer maturing crops, and of value to succeed crops that fail. It is the best crop for planting on newly broken land—useful in certain kinds of rotation, excellent for soiling.

Golden Millet is considerably larger than Hungarian and yields a much heavier crop, but is later and not so quick growing. Sow not later than the fourth of July in this latitude.

Our seed is specially selected, and will produce double the crop obtained from seed not so grown. Sow one bushel per acre. (See illustration.) Price, \$3.75 per bushel of 50 lbs.; 10 bushels and upwards, \$3.65 per bushel.

Japanese Millet

Valuable in the Northern States as a quick-growing forage and ensilage crop, attaining a height in good soil of 6 to 8 feet and yielding from 10 to 18 tons of green fodder per acre. For feeding green, it may be cut from day to day as needed until the seed begins to ripen. During this period it is much relished by stock. For dried fodder it should be cut in the blossom stage, and is preferred by horses and cattle to Timothy and Clover hay. For ensilage, two parts of the Millet in combination with one part Soya Bean forage, form a complete balanced ration that may be fed without grain. Sow from May to July, 15 lbs. of seed per acre if broadcast, or if in drills 12 to 18 inches apart, use 10 to 12 lbs. per acre. Price, 25c. per lb.; \$1.75 per 10 lbs.; \$15.00 per 100 lbs.

Hungarian Millet

Hungarian Millet is one of the quickest and earliest catch crops for hay and can be successfully grown when sown up to the middle of August. It is invaluable for overcoming a short crop of the regular hay, being fairly drought resistant. Sow one bushel per acre. Price, \$3.50 per bushel (48 lbs.), 10-bushel lots and upwards, \$3.40 per bushel.

Pearl Millet

This has been cultivated in the Southern States, under the names of African Cane, Egyptian Millet, Cattail Millet and Horse Millet. It grows with tropical luxuriance in strong, loamy soil. Is not so hardy as the other varieties, and succeeds best in latitudes south of New York. Sow in drills, 5 to 6 lbs. per acre; if broadcast, 8 lbs. per acre. Price, 30c. per lb.; \$20.00 per 100 lbs.

Dwarf Essex Rape

Rape is usually ready for pasturing sheep or cattle within six weeks from time of sowing, and one acre will carry twelve to fifteen sheep six weeks to two months. When on the Rape they should at all times have access to salt; but water is not necessary. In the North sow from May to the end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of New York, July or August is the best time to sow. Sow 4 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills. (See illustration.) Price, 25c. per lb.; \$8.00 per bushel of 50 lbs. \$15.00 per 100 lbs.



Henderson's Japanese Buckwheat

Introduced by Peter Henderson years ago, has proven a bonanza to Buckwheat raisers in this country. It is of strong, branching growth, stands up well and produces from two to four times as much grain as any other variety under same conditions. It is also fully a week earlier.

Our seed is grown from the largest Japanese type imported by us for stock seed. Sow 1 bushel per acre. (See illustration.) Price, \$1.25 pk.; \$3.50 bushel of 48 lbs.; 10-bushel lots, \$3.40 per bushel.



Sand or Winter Vetch

(Vicia Villosa)

It succeeds and produces good crops on poor, sandy soils, though it is much more vigorous on good land and grows to a height of 4 to 5 feet. It is perfectly hardy, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in spring with Oats or Barley.

It is the earliest crop for cutting and a full crop can be taken off the land in time for planting spring crops. Being much hardier than Scarlet Clover this is the forage plant to sow in the Northern States, where Scarlet Clover winter-kills, though it is equally valuable in the South. Every dairyman and stock breeder in the United States should have a field of it. (See illustration.)

Sow 1 bushel per acre, with 1/4 bushel of Oats or Barley. Price, 45c. per lb.; \$18.00 bushel of 60 lbs.; \$25.00 per 100 lbs.

Spring Vetch or Tares

Sow 2 bushels per acre. Species of Pea, grown for soiling, or sown with Oats for feeding green. Price, 25c. per lb.; \$7.00 per bushel of 60 lbs.; 10 bushel lots at \$6.90 per bushel.



Mangel Wurzel (Sow 6 to 8 lbs per acre.)

Champion Yellow Globe, Henderson's. Produces smooth globe-shaped roots of large size, and excellent quality. Price, 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.; 10 lb. lots @ \$1.15 per lb.

Colossal Long Red, Henderson's. A valuable improved and distinct variety. Extra large, long roots; blood-red, very nutritious. Price, 60c. per $\frac{1}{4}$ lb.; \$1.50 per lb.; 10 lb. lots @ \$1.40 per lb.

Golden Tankard. Flesh yellow, thus differing from other varieties; sheep prefer it; heavy yielder. Price, 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.; 10 lb. lots @ \$1.15 per lb.

Danish Sludstrup. Highly recommended by the Danish Government. Awarded first-class certificate. Color reddish-yellow, of Giant Intermediate type. Contains a larger percentage of feeding matter than almost any other sort. It is very hardy, grows well above ground and is easily pulled. Price, 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.; 10 lb. lots @ \$1.15 per lb.

New Half Sugar Mangel, Red. By analysis it shows a nearer approach to sugar beet than any other mangel. The flesh is white, very solid and rich in saccharine. Price, 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.; 10 lb. lots @ \$1.15 per lb.

Sugar Beet. Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding.

Vilmorin's Improved White. Contains the highest percentage of sugar; also valuable for stock. Price, 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.; 10 lb. lots @ \$1.15 per lb.

Klein Wanzleben. Heavy yielder and easy to dig. Price, 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.; 10 lb. lots @ \$1.15 per lb.

Ruta Baga or Russian Turnip

Sow 2 to 3 lbs. per acre. (See also page 66.)

Improved American Purple Top. The popular standard for stock feeding; hardy, productive; good keeper; yellow flesh. Price, lb. \$1.25.

Henderson's Long Island Improved. It is twice the size of ordinary American stocks. Bred from American Purple Top, over which it is a great improvement, nearly double in size; a big yielder and good keeper; flesh yellow. Price, lb. \$1.25.

Large White French, Sweet German or Rock. A white-fleshed variety of large size. Price, lb. \$1.25.



COLOSSAL LONG RED MANGEL

Potatoes (See page 58) write for prices on large quantities

Henderson's Selected Varieties of Barley, Rye and Wheat

Barley

Sow 2 to 2½ bushels per acre

New White Hullless. Two or three weeks earlier than ordinary barley, grows about same height, and the grain will not shell out in the field. Price, \$1.25 per peck; \$3.00 per bushel (48 lbs.); 10 bushels @ \$2.90 per bushel.

Vermont Champion. Large heads of large grain; big yielders. A headed variety. Price, \$1.00 per peck; \$3.00 per bushel (48 lbs.); 10 bushels @ \$2.90 per bushel.

Oderbrucker. This is a stiff strawed, heavy yielding, six rowed bearded variety; kernels very plump. Oderbrucker is early, prolific and hardy, and has nearly double the amount of protein found in many other varieties; this makes it a valuable feeding barley, which is an important consideration with the leading farmers who are now appreciating more and more the value of Barley as a feed for all kinds of stock, horses as well as cattle. Price, \$1.00 per peck; \$3.00 per bushel (48 lbs.); 10 bushels @ \$2.90 per bushel.

Rye, Spring

Sow 1½ bushels per acre

A variety produced by planting Winter Rye in the spring for several years, and selecting the seed until the type is fixed. It is an excellent "catch-crop" where full-sown grain has been winter-killed, and also for fodder. Price, \$1.00 per peck; \$3.50 per bushel of 56 lbs.; 10-hushel lots \$3.40 per bushel.

Rye, Winter

For winter varieties see our Fall Wheat and Grain Circular sent to you in August. We offer the following varieties:

Giant Winter. It outyields others in straw and grain. Price, 30c. per qt.; 45c. $\frac{1}{2}$ peck; 80c. peck; \$2.50 per bushel.

Rosen. Thrives as well on light soils as it does on heavy. Price, 30c. per qt.; 60c. $\frac{1}{2}$ peck; \$1.00 peck; \$3.00 per bushel.

Winter. The variety commonly cultivated for straw or cutting green. Price, 30c. per qt.; 45c. per $\frac{1}{2}$ peck; 80c. peck; \$2.50 per bushel.

Wheat, Spring

Sow 1½ bushels per acre

Marquis (Beardless). An early variety and enormous cropper; kernels hard and dark-amber color. Our stock was raised in the far north. We strongly recommend this variety. Price, \$1.25 peck; \$4.00 bushel (60 lbs.); 10-bushel lots @ \$3.90 per bushel.

Pedigreed Blue Stem. When ripe the straw is a beautiful golden yellow color. This variety is remarkably free from rust, is very productive, has a hard kernel and there is a total absence of beard. Price, \$1.25 peck; \$4.00 bushel (60 lbs.); 10-bushel lots @ \$3.90 per bushel.

Wheat, Winter

All standard sorts and new hybrids described in Henderson's "Wheat Circular" (ready in August and sent free on application). Orders Booked Now for Fall Delivery.

Miscellaneous Farm Seeds

BROOM CORN

Evergreen Selected. Sow 8 to 10 lbs. per acre. Free from crooked brush and remains green. Price, 25c. per lb.; \$15.00 per 100 lbs.

Canary Seed. Re-cleaned. Price, 20c. per lb.; \$14.00 per 100 lbs.

DOURA

Sow 8 to 10 lbs. per acre.

Rural Branching. Very productive fodder plant; may be cut several times. Price, 20c. per lb.; \$14.00 per 100 lbs.

Yellow Branching. Earlier and taller than above, but does not stool out so much. Price, 20c. per lb.; \$14.00 per 100 lbs.

Hemp. Fancy re-cleaned. Price, 20c. per lb.; \$14.00 per 100 lbs.

KAFFIR CORN

Sow 8 to 10 lbs. per acre.

White. Excellent fodder plant, green or dried, and the grain is valuable for feeding

poultry; 4 to 6 feet. Price, 20c. per lb.; \$14.00 per 100 lbs.

Red. Taller than white; leafy and juicy; grain good for poultry. Price, 20c. per lb.; \$14.00 per 100 lbs.

SORGHUM OR SUGAR CANE

Sow 8 to 10 lbs. per acre.

Early Orange. Valuable for green fodder; of large, heavy growth, but later than Amber. Price, 25c. per lb.; \$14.00 per 100 lbs.

Early Amber. Productive and nutritious forage plant, yielding several cuttings in a season. Earlier than Orange; may be grown in Northern States. Price, 25c. per lb.; \$14.00 per 100 lbs.

Sunflower Mammoth Russian. Sow 4 lbs. per acre. Very productive; large heads of large seeds. Valued for feeding fowl. Price, 25c. per lb.; \$14.00 per 100 lbs.

Tessinte. Sow 6 to 8 lbs. per acre. Resembles Corn, but more leafy and tillers enormously; fine for green fodder. Price, 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

HENDERSON'S GREEN MANURING SEED MIXTURE

A combination of various rapid growing legumes which will add humus and nitrogen to the soil. Plant early in the fall for turning under in the spring. Mixture may be broadcasted, or if the last of the crops have not been removed, sow between rows. Seed may also be sown in spring or summer for preparing ground for lawn making in fall. If sown then the plants should be allowed to attain a growth of about one foot before turning under.

Sow at the rate of 1 lb. per 1000 square feet. Price, 50c. per lb.; 95c. per 2 lbs.; \$2.35 per 5 lbs.; \$4.25 per 10 lbs.; \$9.50 per 25 lbs.; \$18.00 per 50 lbs.; \$35.00 per 100 lbs. Transportation paid.

"WILD BIRD SEED"

Feed your feathered friend during the winter when food is scarce, with this mixture. Price, 20c. per lb.; \$14.00 per 100 lbs. Transportation paid.

For Complete Description of all Farm Seeds—Write for Henderson's Farmers Manual—Ready in February. Sent Free to All Applicants.

Purchaser pays transportation on Farm Seeds. If wanted by Parcel Post add postage at Zone Rates to the amount of order.

How to be Successful in Cultivating Flower Seeds

Probably no outdoor occupation gives so much pleasure as the cultivation of flowers from seed. Starting with the tiny inanimate-looking grains of seed, placing them carefully in suitable soil, intelligently watching the conditions of air and moisture while the seeds are hidden below the ground, sometimes making for them artificial surroundings necessary to their growth, watching the gradual unfolding of the tiny seedling, and later the marvellous development of leaf, stem and branch until finally the fully grown plant bursts into glorious flower; this is the pleasure awaiting one who grows flowers from seed.

The charm of flowers appeals to all; the grossest nature is touched by their beauty. Some cherish the tiny loveliness of the modest Forget-me-not, others are thrilled with the gorgeous beauty of the flamboyant Poppy, but, whatever one's taste, there are flowers to meet its demands.

Annual Flower Seeds

These complete the cycle of their existence, growing from seed to seed in one year. Many sorts require to be sown in some sheltered situation such as a greenhouse, cold frame, or window box about a month before they may be planted outdoors. This is necessary not only on account of their tenderness, but also because they need more time for development, and by sowing thus early, the growing season is proportionately prolonged. Others may be sown where they are to stand, in which case they require careful attention for the first few weeks.

Annuals offer a large field for selection, embracing plants of all kinds, from the modest Sweet Alyssum to the gorgeous Salvia, the majestic Reineus, and dainty Cosmos. They are found in every conceivable shade of color, and are adaptable for growing as single specimens, or planting for large effect in clumps or masses, while others are well suited for making borders.

While there is no class of plants that will survive better under rigorous conditions, yet in order to achieve the best results they should be planted where they can obtain ample sunlight, may be easily watered, and, in case of early frost, may be quickly protected.

It is almost needless to urge the importance of careful weeding, when the seedlings are quite young. Unfortunately, every foot of the average garden contains countless weed seeds, which generally grow more vigorously than the seeds that have been sown; in fact, many amateurs often mistake them for the variety they have sown.

A continuity of bloom may be selected by occasional sowings of many sorts, such as Eschscholtzia, Sweet Alyssum, Phlox, Zinnia, etc. In the latitude of New York these sowings may be made as late as June 15th.

The great value of Annuals is enhanced by the fact that an effectual display may be secured for a very modest outlay, many of the most attractive sorts being sold in 10c. packages.

Perennial Flower Seeds

The great charm of Perennials lies in their permanence. Once established they are a constant source of pleasure, and among the most interesting plants in our gardens, presenting a variety of size, form and color so great as to fit them for almost every conceivable purpose in the garden. Some may be made to thrive under most unkind conditions, while others are adapted to the most skillful cultivation.

Many plants of this class, notably Antirrhinums, have been so greatly improved by hybridization during recent years, that they may now be had in varying height, and in almost every shade of color.

A very large proportion of the Perennial plants that may be grown from seed have great value as cut flowers, particularly so because of their great substance, which enables them to stand up well long after cutting.

In the matter of arrangement they offer an almost endless choice. Some grow into majestic plants, which may stand as single specimens, others may be used for conspicuous display in masses or clumps, while others are of great value as border plants.

Notwithstanding their individual charm, they are most effective when planted in a mixed border, where by arranging them according to height, color and season of flowering, an attractive display may be had from the earliest days of spring, all through the summer, and even after the first frosts herald the approach of winter. And so, week by week, as sure as the season revolves such a border will present new charms and revive old ones, the beauty of it growing with ever-increasing interest.

Perennials are generally raised from seed sown from early spring to about August 1st, in the latitude of New York.

Treated thus, they make strong plants which may be planted in a permanent situation early enough in the fall to enable them to winter safely.

In some instances plants will flower the first year from seed if sown quite early, but nearly all require a year to reach their best development.

Culture of Flower Seeds

Brief cultural instructions are printed on the back of our Flower seed packets and in more detail in our booklet "Henderson's Flowers for American Gardens," sent post free if asked for.

Seed Sowing. Most cases of failure of seeds to come up are due to unsuitable soil conditions. It is mechanically impossible that young seedlings can send their shoots upwards through soil which is hard and packed, neither can tender rootlets pierce downward in such soil. The result is an abortive effort to grow. So let the soil, either in the cold frames, or the permanent bed, be well dug and pulverized. Fine soil should be sifted on top to at least an inch in depth, and if heavy or clayey, lightened with sand. Smooth down the surface with a piece of board about 8 in. square, to the center of which a small block has been nailed to hold on by. Then with a pointed stick mark out the rows, letting them run the narrow way of the frame or box.

Stick in a name label at the end of each row, and then drop the seeds in a little pinch at a time, taking care to spread it so that it does not lie in lumps. Very small seeds should be sown broadcast on a square space, and the label stuck in the center. Sow large seeds one by one, an inch apart. Sift earth over all to cover them as deep as twice their diameter, and then press down firmly again with the board. Hard shell seeds like Ipomoeas, Cannas, etc., should be soaked in water 24 hours to soften before planting. Lay over the bed a piece of thin cotton cloth, and water with a fine spray. When the seeds come up, remove the cloth. After this do not let the soil dry out, and raise the sash or pane of glass,

as the case may be, to admit air on warm days. Seed sowing in permanent beds is accomplished in the same way, but of course is not done until May 10th to May 15th, with some exceptions already noted. Note that when seeds are sown out-doors they should be covered more deeply than if sown indoors or under glass. Cover to fully three times the diameter of the seed. Some gardeners lacking a cold frame plant all their annuals outdoors about May 10th, in a temporary seed-bed located along a south wall, and protected from the sun by a strip of cloth three feet wide and as long as the bed.

This is nailed on four-foot slats placed about three feet apart. One of the ends of the slats is stuck in the ground, and the other rests in a leaning position against the wall. Also use this on cold nights. Prepare the soil, and sow the seed in the same way as in a cold frame, but a trifle deeper. Transplant to permanent beds when three true leaves show.

Transplanting from Cold Frames or Window Boxes. This is done about May 10th to 15th or whenever the weather is settled. Water the seedlings and also the ground they are to be transplanted to, the day before, so that soil conditions are equal. Separate the seedlings with a sharp stick, and if they are growing thickly together place a clump of them in water to soften the soil. Transplant when 2 or 3 "true" leaves appear.



We receive annually hundreds of unsolicited testimonials and snap-shots from customers who are happy with Henderson's Flowers.

Take it out in the garden. It Answers Questions. Henderson's Garden Guide and Record, Free with orders of \$3.00 or over, when asked for. See page 3.



AID IN SELECTING FLOWER SEEDS FOR VARIOUS PURPOSES and SITUATIONS

We offer seeds of all the undermentioned, the varieties, descriptions and prices of which may be readily found in the Catalogue by referring to the page indicated.

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Henderson's Choice, Selected Strains of Annual Tall Larkspurs and Perennial Delphiniums

(Shown in Colors on the Opposite Page)

New Giant "Spire" Annual Branching Larkspurs

The Larkspur is one of the most popular garden flowers, both in Europe and the United States. They have been favored occupants of gardens in our country for generations.

In recent years the hybridizers have been busy with them, and have evolved varieties which are undoubtedly great improvements on the older sorts. The size of both spike and flower has been increased and shades of color produced not known before. Besides this, the branching habit of the plant has been intensified and a great many more laterals are thrown out from the crown stems.

The double well-formed flowers being well placed on long stems set off their attractiveness.

They are of easy culture and thrive best in a sunny location and are equally good for cutting or garden decoration.

- 2582 La France.** The flowers are of a pleasing salmon-pink, well formed, double, and well placed on long stems. (See color plate E.) Pkt. 25c.
- 2583 Carmine Spire.** Fine lustrous Carmine. (See color plate A.) Pkt. 25c.
- 2584 Los Angeles.** Color rich salmon ground, overlaid with a brilliant and pleasing rose. Foliage dark green. (See color plate C.) Pkt. 25c.
- 2585 Dark Blue Spire.** Rich blue. (See color plate B.) Pkt. 25c.
- 2586 White Spire.** A new dazzling pure white double Larkspur with the improved upright delphinium-like habit. (See color plate F.) Pkt. 25c.
- 2587 Lavender Spire.** Beautiful shade of Lilac. (See color plate D.) Pkt. 25c.
- 2591 Collection of above six named varieties.**\$1.00

New Double-Flowering Delphinium Or Hardy Perennial Larkspur

It was thought by many that height of perfection in the production of new varieties of the Delphinium had been reached a few years ago, but such is not the case; and the hybridizers have again turned out some new double flowering varieties which must certainly eclipse their predecessors.

Some of these new sorts we offer below, and they are in our opinion a great acquisition. Not only are they giants in height but they bear heavy spikes of immense florets, showing colors and shades almost indescribable. Besides their indispensable place in the garden for display, they are now favorites for cut flowers.

The individual flowers are large, produced on strong spikes and the plants are perfectly hardy. Seed sown in a greenhouse or hotbed in January, will produce flowering plants in August. The seed can also be sown in the open ground from May to July in order to have flowering plants the following season.

- 2091 Admiral Cardigan.** Brilliant blue marbled rose. Pkt. 25c.
- 2092 Amos Perry.** Rose mauve flushed sky blue.... Pkt. 25c.
- 2093 Blue Mist.** (See color plate No. 2.) Pale blue and lavender, white eye..... Pkt. 25c.
- 2094 Capt. Lambton.** (See color plate No. 3.) Rich plum color edged violet..... Pkt. 25c.
- 2095 Coronation.** (See color plate No. 4.) Rich purple and deep blue..... Pkt. 25c.
- 2096 Summer Sky.** (See color plate No. 1.) Light sky blue with white eye..... Pkt. 25c.
- 2097 Collection of above six named varieties.**\$1.00

How to Order Fresh-Cut Flowers From us

By Mail, Long-Distance Telephone and Telegraph, or Your Own Florist

Make Use of Our Cut Flower Department. We have established it for the Convenience of Our Customers at a Distance.

Address all communications to Peter Henderson & Co., 35 Cortlandt Street, New York.



Because of our location at New York City, we can make quick deliveries of fresh-cut flowers to all out-going steamers from this port, or to any address in New York City.

HOW TO ORDER. You remit to us the amount you wish to spend, with your order and we will deliver as instructed. Customers having charge accounts with us, may telegraph their orders and have them charged.

Customers are often in a dilemma as to just the kind of flowers they should send, and no doubt this uncertainty often discourages them from ordering. It is usually better to leave the selection of flowers to us. Tell us in your letter or telegram for what purpose the flowers are to be used, for instance, whether for a bouquet, a corsage or a floral design, or loose flowers suitable for vases. We will then be able to supply a much better selection than could be specified from a distance.

Be careful to send the full name and address of the person to whom the flowers are to be sent; also the form of greeting or message to be enclosed with them.

There is Also Another Method of Ordering

We are members of the **Florists' Telegraph Delivery Association**, and through it, we can deliver fresh-cut flowers to any city, town or village in the U. S. A. All that is necessary for you to do, is to go to any Florist in your town who is a member of this Association, and place your order with him. Tell him that you wish Peter Henderson & Co. to fill the order. He will then telegraph the order to us, and we will deliver the flowers to the given address, thereby saving much time.



**HENDERSON'S
"MOUNT VERNON" Collection of Six
GIANT SNAPDRAGONS \$1.00**

**A Great Advance on Old Varieties
Henderson's "Mount Vernon"
Collection of Six Giant Snapdragons**

The efforts of a number of plant hybridizers, for almost a quarter of a century, have been rewarded with wonderful results in the development of the Antirrhinum or Snapdragon.

For a number of years, we offered an excellent strain of Snapdragons known as Antirrhinum majus grandiflorum. This strain on account of its large flowers produced on long spikes, was in a great measure instrumental in bringing the Snapdragons into popular favor.

We now offer a new type of Snapdragon that represents the great advancement of this beautiful flower in our Mount Vernon Collection. The flowers of this type average about twice the size of those previously offered, and under favorable conditions will produce well set spikes of flowers about two feet long.

The continuous-blooming qualities of the Snapdragons, their ease of culture and pure, bright colors, entitle them to a permanent place in all gardens. Although perennials in the South, they do splendidly when grown as annuals in the North; spring sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. When planted in beds the plants should be placed 9 inches apart each way, pinching out the tops, and although this delays the beginning of flowering it forces the plants to branch low and ultimately gives better results. When grown individually it is advisable to stake the plants on account of the weight of the large spikes of bloom.

1123 Canary Bird. Pure soft canary yellow. (See color plate No. 5.)	Pkt. 25c.
1125 Corbicus. Rich carmine red. (See color plate No. 3.)	Pkt. 25c.
1127 Delancey. Old gold color. (See color plate No. 4.)	Pkt. 25c.
1129 Purple King. Bright purplish red. (See color plate No. 6.)	Pkt. 25c.
1133 Snowflake. Pure white, yellow throat. (See color plate No. 2.)	Pkt. 25c.
1136 The Rose. Bright rose pink. (See color plate No. 1.)	Pkt. 25c.
1110 Mixed. Choicest varieties	Pkt. 25c.
1141 Collection. One packet each of the above six separate colors	\$1.00

Pot-Grown Plants of Giant Snapdragon
We can furnish pot-grown plants of Giant Snapdragon ready April 15th.
Price 15c. each; \$1.50 per doz.



Aster—Giants of California

(See illustration above)

We take pleasure in recommending this type as being one of the best Asters ever offered to garden lovers. Characterized by the well-known Comet or Ostrich Plume type of flower, combined with the Daybreak Aster's long branching stems and sturdy habit of growth, places this variety at the head of this class.

Careful selection has perfected this type and we approve of the above for cutting and bedding.

- | | |
|---|---------------------------------|
| 1325 Light Blue.....Pkt. 25c. | 1328 Deep Rose.....Pkt. 25c. |
| 1326 Peach Blossom.....Pkt. 25c. | 1329 White.....Pkt. 25c. |
| 1327 Dark Purple.....Pkt. 25c. | 1330 Mixed Colors.....Pkt. 25c. |
| 1331 HENDERSON'S COMPLETE COLLECTION, ONE PKT. OF EACH OF THE ABOVE FIVE VARIETIES.....\$1.00 | |

Heart of France Aster

(Shown in colors on this page)

- 1306** The best pure Red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the mid-season varieties. They retain their brilliancy and lustre for a longer period than almost any other color.....Pkt. 25c.

Imperial or "Daybreak" Aster

(Shown in colors on this page)

These Asters—made in America—are Mid-summer flowering varieties, healthy and vigorous in growth, of upright bushy habit and very profuse bloomers—veritable bouquets of flowers. The flowers—borne on good, long, stiff stems—are so very double as to appear almost like balls. The petals, short and narrow, are slightly folded and of durable lasting substance. While splendid as cut flowers, it is the bedding Aster for our American climate and conditions.

- | | Per Pkt. | Per 1000 seeds |
|--|----------|----------------|
| 1316 Daybreak. An exquisite shade of shell-pink. | 10c. | 60c. |
| 1318 Purity. Pure snow-white | 10c. | 60c. |

King Aster

(Shown in colors on this page)

An American type of distinctive beauty, unlike any other Asters grown. The plants are tall, strong growers, with long stems crowned with massive double flowers 5 inches across, composed of long, narrow straight petals folded lengthwise, which gives them a quilled appearance. The flowers are of great substance and last longer than any other Aster.

- | | Per Pkt. | Per 1,000 seeds |
|---|----------|-----------------|
| 1368 Crimson King. Rich crimson | 10c. | 60c. |
| 1372 Lavender King. Rosy-lavender | 10c. | 60c. |
| 1374 Pink King. Rosy-pink | 10c. | 60c. |
| 1376 Violet King. Purple-violet | 10c. | 60c. |
| 1378 White King. Pure white | 10c. | 60c. |
| 1380 Mixed Colors | 10c. | 50c. |
| 1381 HENDERSON'S COLLECTION OF KING ASTERS, ONE PKT. OF EACH OF THE ABOVE FIVE SEPARATE VARIETIES, 40c. | | |



Henderson's
Invincible Asters

Collection of 8 Varieties
Postpaid for \$1.00
See opposite page

Asters Our Great Specialty—Famous Throughout the U.S.A.

Henderson's Invincible Aster

Shown in Colors on the Opposite Page

"They are Royally Grand" The Largest and Most Beautiful of all Asters

Henderson's Invincible are the highest achievement in China Asters, and a superior race in every way. The plants are of very healthy, robust, branching growth, about 2 feet high—though under best culture often 3 feet—producing, on long stems, massive Chrysanthemum-like flowers of perfect form and graceful outline, and are exceedingly double to the very center. The flowers are the most beautifully formed of all large Asters. The petals are of thick, durable substance, and, in consequence, the flowers last long in perfection. These Asters are wonderfully prolific and continuous bloomers from summer until frost. When grown in masses in garden borders, or grouped in beds, their decorative effect is unapproachably gray and enlivening. When well grown the flowers of Henderson's Invincible

Asters average 3½ inches across; 4-inch flowers are quite common, and if grown especially for cut flowers, the side branches pruned, allowing a plant to carry not over 8 or 10 flowers, one flower to a stem, their size will then be enormous, measuring 4½ and 5 inches across. These magnificent blossoms, being gracefully poised on strong, well-leaved stems 15 to 18 inches long, resemble large-sized Chrysanthemums, and are unsurpassed as cut flowers for vases and home decoration.

We have received many enthusiastic letters of praise from our patrons regarding these Asters—some of whom have been fortunate enough to capture prizes with them at local exhibitions, flower shows, etc.

Patron's Praise Henderson's Invincible Asters

Have grown Henderson's Invincible Asters for a number of years with great success, and every year they grow more beautiful. They bloomed beautifully and are exquisite. Those who want the finest Asters should order the Invincibles.

EDGAR VAIL,
Yorktown Heights, N. Y.

Invincible Aster seed I purchased from you last spring are one mass of flowers and all who see them say they are the finest plants all told from the time I planted the seed. Regardless of severe frost last week they were not damaged in the least.

WM. H. ISBERG,
Laramie, Wyo.

Pot-Grown Plants of Invincible Aster

We can furnish pot-grown plants of Invincible Asters ready April 15th. Price, 15c. each; \$1.50 per dozen. Purchaser pays transportation. For complete list pot-grown plants see page 166.

Sample's Late-Flowering Aster

Superior late-flowering Branching Asters. The flowers are large, very double and borne on long stems. They begin blooming about the first of September. Plants strong growers, 1½ to 2 ft. high. (See illustration.)

1438 Crimson.....	Per 1,000 seeds, 50c; Pkt. 10c
1442 Lavender.....	Per 1,000 seeds, 50c; Pkt. 10c
1444 Shell-pink (Mary Sample).....	Per 1,000 seeds, 50c; Pkt. 10c
1446 Purple.....	Per 1,000 seeds, 50c; Pkt. 10c
1448 White.....	Per 1,000 seeds, 50c; Pkt. 10c
1450 Mixed Co'ors.....	Per 1,000 seeds, 50c; Pkt. 10c

1451 Henderson's Collection of above 5 Separate Colors 40c.

Aster Sunshine

A new semi-double Aster of striking gracefulness; the quilled golden yellow centers are surrounded by a ruff of small florets, which make this variety very distinctive. The flowers average from four to six inches in diameter. The plant is branching in habit.

1452 Sunshine Aster. Blue.....	Pkt. 25c
1453 Sunshine Aster. Pink.....	Pkt. 25c
1454 Sunshine Aster. White.....	Pkt. 25c
1455 Sunshine Aster. Mixed colors.....	Pkt. 25c

Hardy Asters, New Large Flowering

These "Michaelmas Daisies" are splendid subjects for permanent positions in the herbaceous border, when they form large, busy clumps 1½ to 2 ft. high, and are covered with clusters of large single flowers during the late summer months, forming one of the charms of the autumn garden.

1462 Farreri. Unlike the other varieties of Hardy Asters, this new perennial Aster Farreri begins blooming early in May and remains in flower for fully two months. The color is a lovely soft violet mauve with a golden disc in the center. The flowers which range from two to three inches across are borne on long, stiff stems.....	Pkt. 25c
1464 Alpinus Goliath. A beautiful lilac with golden center. Pkt. 15c	
1466 White Queen. Pure white single flowers of immense size.....	Pkt. 15c
1470 Mixed Colors. New large-flowering hybrids.....	Pkt. 10c

Henderson's Invincible Asters

	Pkt.	Per 1,000 seeds
1342 Carmine-rose. Bright rosy-carmine.....	15c	75c
1344 Crimson-brilliant. Rich bright red.....	15c	75c
1346 Deep Blue. Bright indigo-blue.....	15c	75c
1348 Deep Pink. Lively warm rose-pink.....	15c	75c
1352 Lavender. Charming silvery-lavender.....	15c	75c
1354 Pearl-pink. Exquisite blush and shell-pink.....	15c	75c
1356 Violet-purple. Rich velvety purple.....	15c	75c
1358 Pure White. Purest snow-white.....	15c	75c
1360 Henderson's Invincible Asters, Mixed Colors.....	15c	60c

1361 Henderson's Collection of Invincible Asters, 1 pkt. each of the above 8 varieties and shown in colors on the opposite page, for \$1.00 postpaid.

Aster, Peerless Yellow

1384 It has been difficult to get a good yellow Aster. We have been working constantly for several years and have at last developed one that is quite good. It can be described as of American Branching habit, height about two feet, flowers of good size and form, petal slightly incurved, but no trace of quills as in the earlier forms of the yellow Aster. The color is a deep yellow when first opened, but fades slightly as it ages. Pkt. 25c.



90 Enjoy a Garden Ablaze with the Glory of Many-hued Flowers

Henderson's Famous Asters Have Won Hundreds of Prizes at Expositions in all Sections of the U.S.A.

Aster, American Beauty

This beautiful variety is beyond doubt one of the grandest sorts in cultivation. It is of the late branching type, growing from 2 to 2 1/2 feet high. The flowers are large and full, with incurved petals measuring from 4 to 5 inches in diameter, and are borne on stems from 15 to 20 inches long. We offer the following colors. (See illustration.)

- 1213 **Black Prince.** Rich black blue, one of the darkest shades. Pkt. 15c.
- 1215 **Carmine Rose.** The exact color of the world-famous American Beauty rose. Pkt. 15c.
- 1217 **Lavender.** An exquisite shade of pure lavender. Pkt. 15c.
- 1219 **Purple.** Surprisingly rich purple, of perfect form. Pkt. 15c.

Aster, Autumn Glory

1224 This is a most welcome addition to our garden Asters, for it is the latest of all—thus lengthening the Aster season by at least two weeks, coming into bloom just after all other varieties have passed their prime. The plant is a large, strong grower, bearing immense double pure shell-pink flowers of lasting substance on long stems. Pkt. 15c.

Aster, Mikado Rose

1228 Great shaggy flowers of long, curled and twisted petals, resembling large, Japanese Chrysanthemums. They are carried on long stems and are good for cutting. Color deep brilliant rose. The plants are of spreading habit and bloom very early. Mikado is a branching variety bred from Giant Comet, and is increasing in popularity year by year. (See illustration.) Pkt. 15c.

Aster, Sensation

1234 Large, full double flowers of most brilliant crimson on long, well-leaved stems. Most effective for either garden decoration or cut and vased. The plants are good healthy growers of branching bush habit, 15 to 18 inches in height. Pkt. 15c.

Aster, Large Single China

A liking for single flowers has created a demand for long-stemmed China Asters, which are of unsurpassed decorative effect when cut and vased. These Asters, of strong, healthy growth, are profuse bloomers and are also showy garden plants. That the hybridizers have been eminently successful is shown plainly by the many beautiful and interesting sorts that are now in cultivation—the very cream of which are offered in this catalog. (See illustration.)

- 1244 **Heliotrope.** Pkt. 10c.
- 1246 **Rose-pink.** Pkt. 10c.
- 1248 **White.** Pkt. 10c.
- 1250 **Mixed Colors.** Pkt. 10c.
- 1251 **Collection of above 3 separate colors.** 25c

They Praise Henderson's Famous Asters

"I must say your Flower Seeds are extra good. Asters were the best in the district and were the best out of 20 entries at the Flower Show, gaining first prize."

H. W. TURNER,
Canterbury, N. Z.

"I had some Aster Seeds from you last spring, and they grew up to be fine strong healthy plants, and the flowers were, and some of them still are, the finest Asters in the City."

EDWIN C. YOUNG,
Holyoke, Mass.

"The Asters which I received at that time were very much admired and I would like to receive again the compliments that were paid me last Fall on their beauty."

C. H. HUBBELL,
Vancouver, B. C., Can.

"My asters from your seeds last year were the most beautiful I have ever seen. I picked them by the armfuls."

MRS. L. CLAIR CONNER,
Orangeville, Penna.



Aster, General Joffre

1255 The plants grow about 18 inches high, producing a mass of bloom of single and semi-double flowers measuring from 1 1/2 to 2 inches in diameter. The color is an intense crimson-scarlet, with a clear golden-yellow disc. A very desirable sort for bedding. Pkt. 15c.



Henderson's Giant Comet Aster

Also known as *Astermums* and *Mammoth Ostrich Plume Asters*

These truly grand Asters are a highly developed American type of the German Comet, or Mammoth Ostrich Plume Asters and are far superior to imported strains. The flowers are of immense size, 4 to 5 and often 6 inches across, composed of long wavy twisted petals, gracefully formed into loose, yet densely double, half globes, equaling some of the finer Ostrich Plume Chrysanthemums. The plants, of luxuriant branching growth, attain a height of 18 inches to 2 feet, each plant bearing from 20 to 30 of these magnificent flowers on very long stems, which gives them an added value for cutting and vasing. (See illustration.)

	Per Pkt.	Per 1,000 seeds
1264 Azure-blue.....	10c.	60c.
1266 Crimson.....	10c.	60c.
1268 Lavender.....	10c.	60c.
1272 Rose-pink.....	10c.	60c.
1274 Shell-pink.....	10c.	60c.
1276 Violet-purple.....	10c.	60c.
1278 White.....	10c.	60c.
1280 Mixed Colors.....	10c.	50c.

1281 Henderson's complete collection of Giant Comet Asters. One packet each of the above seven varieties..... 50c.



"Queen of the Earlies" Asters

(Queen of the Market.) Valuable on account of their extreme earliness for cutting; plant 18 inches high; medium-sized double flowers on long stems. (See illustration.)

	Per Pkt.	Per 1,000 seeds
1398 Crimson.....	10c.	50c.
1402 Dark Blue.....	10c.	50c.
1404 Lavender.....	10c.	50c.
1406 Rose-pink.....	10c.	50c.
1408 White.....	10c.	50c.
1410 Mixed Colors.....	10c.	50c.

1411 Collection of above 5 Separate Colors... 40c.

New Royal Aster

A beautiful class and the best of the early Mid-Season Asters. A little later than the "Queen of the Earlies," but superior to the latter. The plants are of branching habit, about 2 feet high; the flowers being larger, very double, and the stems are longer, stronger and more upright in growth. The petals are broad and incurved, or shell-shaped, giving the flowers a charming and distinctive effect. They are vigorous and sturdy growers, branching from the base of the plants. Although early—Mid-Season Asters—they remain in flower a long time; the flowers being of splendid substance; fine cut flower type.

	Pkt.
1422 Royal Lavender.....	15c.
1424 Royal Shell-pink.....	15c.
1426 Royal Purple.....	15c.
1428 Royal White.....	15c.
1430 Mixed Colors.....	15c.

1431 Henderson's Collection of above 4 Separate Colors..... 50c.

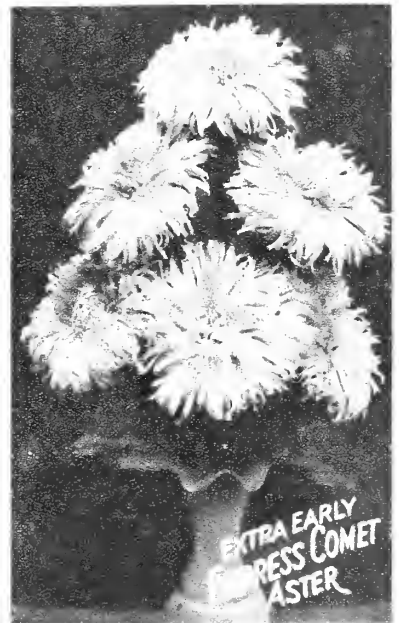
We can furnish pot-grown plants of Invincible Asters ready April 15th. Price, 15c. each, \$1.50 per dozen. Purchaser pays transportation. (See also page 166).

Extra Early Express Comet Aster

These are great for early cut-flowers. Extra early flowering Asters have heretofore been produced at the expense of size, doubleness, substance or length of stem, but the Express Comets are nearly as good as late-flowering sorts and come into bloom in the open ground by the middle of July. They are the largest early Asters of which we know, flowers 3 1/2 inches to 4 inches across, splendid substance and long stems; plants are 18 inches high; free bloomers. (See illustration.)

	Per Pkt.	Per 1,000 seeds
1292 Azure-blue.....	10c.	60c.
1294 Dark Blue.....	10c.	60c.
1296 Rose-pink.....	10c.	60c.
1298 Pure White.....	10c.	60c.
1300 Mixed Colors.....	10c.	50c.

1301 Henderson's Collection of Express Comet Asters. One pkt. each of four separate colors..... 30c.



To every purchaser of Aster Seeds, we will send Free, if requested, our leaflet, "Latest and Best Methods of Growing Asters," which tells how to grow them to perfection both in garden beds and for cut flowers.

FLOWER SEED 1931 NOVELTIES

We offer the varieties on this and the following two pages as being the best of the novelties for 1931.

In cases where a variety is not of our own growing, we have used the raiser's own description in whole or in part.



Aquilegia Long Spurred Hybrid "Crimson Star"

1158 The popular long-spurred Columbines have hitherto been offered practically only in mixture and beautiful as they are individually they fail somewhat to make an effect in the mass. The novelty we here offer bears flowers of a brilliant dark crimson which being borne profusely in the plant form a most attractive subject in the border (See illustration.).....Pkt. 35c.

Aster Wartburg Star

1468 A new hardy perennial giant flowering race of these popular Asters. The bright lavender blue marguerites with yellow centers measuring more than 4 ins. across are borne on stalks 28 ins. long and appear in flower at the same time as white marguerites and Gaillardia. This giant light blue Aster is extraordinarily effective for vases and table decorations, etc., and is especially acceptable during the end of May and June when other long stalked cutting flowers are scarce (See illustration.).....Pkt. 35c.

Cosmos Hollywood Star

2017 A new departure in Cosmos, coming true to type. The flowers are pink, red and white, borne on long stems. We recommend this striking novelty, offered in mixed colors (See illustration.).....Pkt. 25c.

Dianthus Allwoodii Sweet Wivelsfield

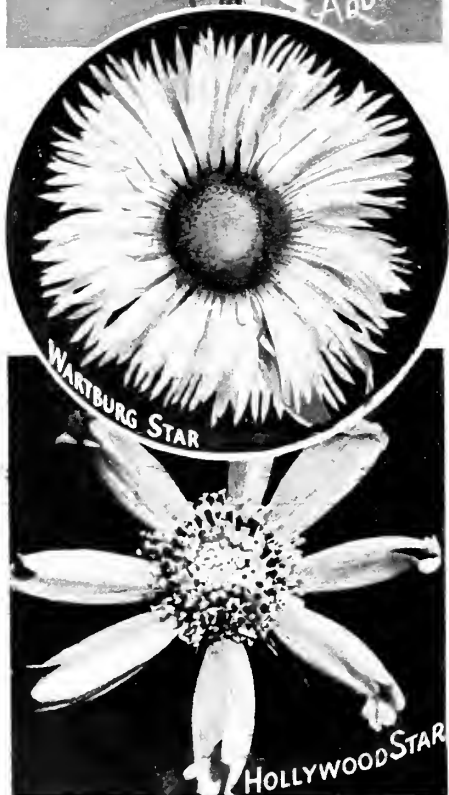
2141 This remarkable hardy-biennial hybrid is quite distinct in method of flowering and habit of growth from the Annual Sweet William. It has a great variety of color and a very long season of bloom. Sown indoors in February and March and planted in the open ground in May, it will bloom from June to November, or it can be sown in July in the open ground to flower the following year (See illustration.).....Pkt. 50c.

Gaillardia Grandiflora Burgundy

2254 This is the ideal of all red perennial Gaillardias. The shining wine red flowers (about 2½ ins. in diameter) are produced liberally on long stems by bushy plants 2½ feet high. They flower from June until the Autumn and if sown in March blooms will appear the same year. Burgundy Gaillardia is most effective both in the perennial border and when cut (See illustration.).....Pkt. 35c.

Hibiscus Grandiflora Giant Crimson

2407 This variety has beautiful brilliant dark red flowers which measure about 6 inches in diameter and they are raised freely above the foliage. This 5 feet high perennial blooms the second year after seed sowing and forms beautiful, free flowering bushes; it requires a sunny protected position and good irrigation. During cold winters protection with suitable material is necessary. It surpasses all other varieties and it is therefore especially recommended for high groups (See illustration.).....Pkt. 25c.



Nicotiana "Crimson Bedder"

Affinis

3046 The *Nicotiana affinis*, though valued as a fine decorative plant for groups and borders, has hitherto not been found suitable for general bedding purposes. This novelty being of dwarf and pyramidal in habit, not exceeding 15 inches in height. The flowers are a rich deep crimson color and very freely produced, making a most striking effect when seen in the mass. (See illustration.)... Pkt. 25c.

Petunia "Cockatoo"

Hybrida Nana Compacta

3302 This is an excellent dwarf variety. The plants attain a height of 8 inches are round and compact, covered with small round blossoms and are splendid for beds and borders. The flowers are a velvety deep violet purple with irregular sized white spots and stars which give to the plant and bed an extraordinarily gay and vivid appearance. (See illustration.)... Pkt. 25c.



Star of California

Balcony Petunia

3311 This is a magnificent new *Petunia* of the Balcony Type bred with extra long branches for window boxes and hanging baskets. The flowers are velvety violet with a touch of crimson, starred with five pure white blotches. The flowers are quit large and the effect in window boxes or hanging baskets is dazzling. (See illustration.)... Pkt. 25c.

Petunia Queen of the Market

Hybrida Grandiflora

3345 The color of this magnificent *Petunia* is a deep carmine red with scarlet hue of such brilliance as has not before been met with in *Petunias*. The blooms measure about 3 inches across of fine shape and are slightly waved. They grow profusely on slender stems on freely branching plants 2 feet high. It is a first-class bedding *Petunia* which has called forth the most marked admiration. (See illustration.)... Pkt. 35c.



Petunia "White Cloud"

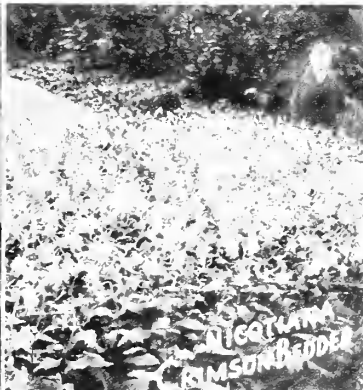
Hybrida Grandiflora Nana

3363 Along with the tall and hanging *Petunias*, which are indispensable for window boxes and balcony decoration, the dwarf *Petunias* are gaining the favor of the public, more and more, since they are eminently suited for pot plants and bedding purposes. This dwarf variety produces fine compact bushes only 12 inches high, richly covered with pure white blooms 3-3½ inches in diameter. It is reproduced true from seed... Pkt. 25c.

Glory of Aalsmeer

Primula Obconica Grandiflora

3526 *Glory of Aalsmeer* is a new selection by the plant breeders from the old variety *Aalsmeer*. Its most striking characteristic is the much deeper shade of bright rose color which has been evolved, and also a noticeable improvement in the size of the flowers, and in the shape of the plants. In Europe where this new selection was made *Glory of Aalsmeer* is much in demand by all growers, professional as well as amateurs. (See illustration.)





New Iceland Poppy

Fakenham Hybrids

3481 A great improvement on the Iceland Poppy (*papaver midicale*). Colors range from pure white to orange, and also includes tangerine pink, mauve, lavender, apricot, and other mixed colors. (See illustration.) Pkt. 35c.

Potentilla Roxana

3514 This delightful herbaceous perennial produces compact plants that resembles large rosetts of Strawberry foliage. The flower stems which rise a foot or more above the foliage carry graceful flower somewhat resembling a double calliopsis and is salmon pink in color. Pkt. 50c.

New Giant Scabiosa

Loveliness

3645 Loveliness is a glorious new color in annual Scabiosa. The blossoms range through varying tones of soft delicate Salmon Rose. This is undoubtedly the most beautiful Scabiosa ever introduced. It is unsurpassed as a cut flower—it has long, stiff stems and a delightful fragrance, but its crowning beauty is its glorious Salmon Rose color. (See illustration.) Pkt. 25c.

New Verbena Colossal

We are convinced that this new race of Verbenas have a great future. The flower-heads bear blooms an inch in diameter. They form an entirely new class, which we are calling "Colossea," and the difference between this class and the Mammoth is as great as that between the latter and the ordinary Verbena.

4487 Rose and Pink Shades....Pkt. 25c.

4488 Verbena Hybrida Grandiflora Etna.

Large trusses of intense crimson-scarlet with a small creamy yellow eye. The individual florets are over 1 inch in diameter. Pkt. 25c.

Verbena Royale

Hybrida Grandiflora

4489 This is a Verbena of enormous size, the individual florets measuring over an inch in diameter. The color of this new Verbena is a rich deep royal blue with a large creamy yellow eye. A wonderful acquisition to our group of Grandiflora Verbenas. (See illustration.) Pkt. 25c.

Verbena Fireball

4512 A dwarf compact Verbena about six inches high literally covered with bright scarlet blooms, excellent for borders, beds, or pot plants and comes absolutely true from seed. Pkt. 25c.

New Annual Wallflower

Early Wonder

This splendid double-flowering variety has been obtained by crossing the Biennial Double Wallflower with the Paris annual variety. Seed sown indoors in January and February will produce flowering plants in July; March and April sowings bloom in August. They grow to a height of two and a half feet and the main spike is covered with double fragrant blossoms. (See illustration)

4541 Brown.....Pkt. 35c.

4542 Canary Yellow.....Pkt. 35c.

4544 Golden Yellow.....Pkt. 35c.

4546 Mixed.....Pkt. 35c.

Zinnia Delight

(Pumila Picotee)

4658 The petals of the flowers are ruffled and curled, giving a light and dainty effect. In addition each petal is beautifully picoteed, making it a most striking flower. (See illustration). Mixed colors.....Pkt. 25c.

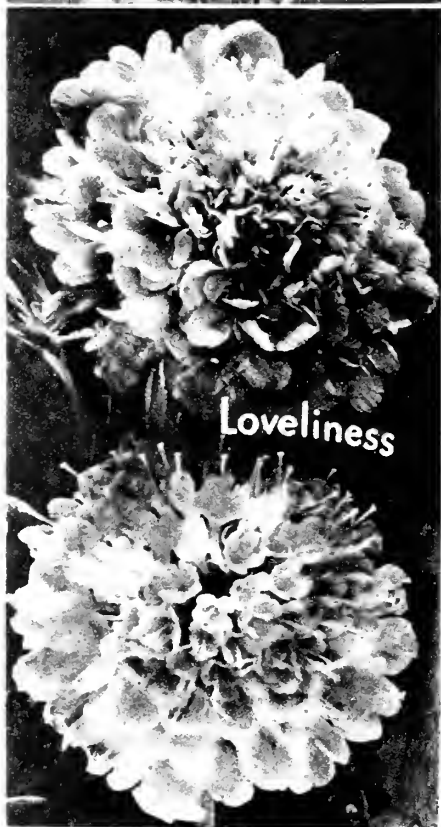
Zinnia Lilliput or Pompon

The increasing demand for Lilliput or Pompon Zinnias in the past season has prompted us to offer the three best colors, hoping to further popularize this charming type. Seed sown as soon as warm weather sets in will produce full grown flowering plants in seventy-five days. (See illustration.)

4642 Crimson Gem.....Pkt. 15c.

4643 Golden Gem.....Pkt. 15c.

4644 Salmon Gem.....Pkt. 15c.



Choice Varieties—Profusion of Bloom—Easy Culture

The varieties mentioned on this page may be readily found by turning to index on Page 207

Annual Flower Seeds complete the cycle of their existence in one year. The seed is sown either directly in the open ground or indoors according to the instructions printed on the packages. Therefore, if an immediate display of flowers is desired, annuals should be grown. See collection on this page.

Perennial Flower Seeds produce flowering plants one year after the seed is sown. This class is perfectly hardy and is used where a permanent effect is desired in borders, foreground planting for hardy shrubs and the like, as they bloom year after year. See *Forget-me-not* Collection page 96.

Henderson's "Garden Beautiful" Collection of Annual Flower Seeds

FOR GARDEN, BEDS, BORDERS, ETC.

4701 Collection of 25 Kinds—Enumerated below, \$1.75

- Ageratum, Blue Perfection.** Compact bushes, 8 inches, blue flowers.
- × **Alyssum, Little Gem.** An improved white Sweet Alyssum.
- × **Aster, Giant Comet, Double Mixed Colors.** One of the best Asters.
- Calliopsis, Golden Wave.** Large golden flowers, freely produced.
- Candytuft, Empress.** Hyacinth-like spikes of white flowers.
- Celosia, Ostrich-Plumed, Mixed.** Brilliantly showy, free-flowering.
- × **Cosmos, Giant-Flowering, Mixed.** Fall-flowering, fine and showy.
- × **Dianthus, Double Pinks.** Various colors.
- Eschscholtzia, Golden West.** Large flowering, California Poppies.
- Hollyhock, Henderson's Annual Ever-Blooming, Mixed Colors.**
- Larkspur, Mixed Colors.** Large, showy spikes.
- × **Marigold, Pride of the Garden, Mixed Colors.** Improved African.
- × **Mignonette, Bird's Mammoth.** Long, large spikes of fragrant flowers.
- × **Nasturtium, Giant-Flowering, Tom Thumb, Mixed Colors.**

4702 Collection of 12 Kinds, Prefixed X, for \$1.00

- × **Pansy, Bedding, Finest Mixed.** Large flowers of beautiful colors.
- Petunia, Large-Flowering, Single, Mixed.** Blotched, striped.
- × **Phlox, Drummondii, Large Flowering Mixed.** Improved varieties.
- × **Poppy, Giant Double, Brilliant Mixture.** Immense showy flowers.
- Portulaca, Double Mixed.** Showy for edges or low beds.
- Salvia Bonfire.** Improved Scarlet Sage, compact-vivid, scarlet.
- Scabiosa Maxima, Double Mixed Colors.** Large-flowering Sweet.
- × **Stocks, Large-Flowering, Dwarf, 10 Weeks, Mixed Colors.**
- Sunflower "Cut-and-Come-Again."** Bushy plants, 3 to 4 feet.
- Verbena, Mammoth, Mixed.** Large flowers scarlet, white, blue, pink.
- × **Zinnia, Large, Double, Mixed Colors.** Immense double flowers.

THE HENDERSON COLLECTION OF SEEDS OF

Climbing Perennials For Walls, Pergolas Etc., Etc.

4731 Collection of 7 Kinds—Enumerated below, 50c.

- Ampelopsis Veitchii.** The Japanese or Boston Ivy, clings to walls, etc. 30 feet.
- Aristolochia Sipho.** Dutchman's Pipe Vine, luxuriant climber. 30 feet.
- Bignonia Grandiflora.** Trumpet Creeper clusters of orange-red flowers. 40 feet.
- Clematis Paniculata.** A mass of white star-like flowers in autumn. 20 feet.
- Kudzu Vine.** Grows rapidly; pea-shaped, purple flowers. 20 to 30 feet.
- Lathyrus Latifolius, Mixed Everlasting Pea.** Sweet Pea-like flowers. 6 to 8 feet.
- Wistaria Sinensis.** Pendant cluster of blue flowers. 25 to 40 feet.

THE HENDERSON COLLECTION OF SEEDS OF Climbing Annuals For Porches, Pergolas, Fences, Etc.

(Sown in the spring these rapidly attain perfection the same season)

4721 Collection of 12 Kinds—Enumerated below, \$1.00

- Balloon Vine.** White flowers, succeeded by balloon pods. 10 feet.
- Canary-Bird Vine.** Yellow butterfly-like flowers. 15 feet.
- Cobaea Scandens.** Large bell-shaped, rich blue flowers. 20 feet.
- Cypress Vine, Mixed.** Feathery foliage, star-shaped flowers, 15 feet.
- Dolichos, Giant Crimson.** Wistaria-like clusters of crimson flowers. 10 ft.
- Humulus, Japanese Variegated.** Foliage striped silver and green. 20 ft.
- Mina Lobata.** Luxuriant climber, with clusters of blood-red flowers. 20 ft.
- Moon Flower Vine.** Immense white flowers. 50 to 75 feet.
- Morning Glories, Imperial Japanese.** Magnificent colors. 30 feet.
- Nasturtium, Giant-Flowering, Climbing, Mixed Colors.** 10 feet.
- Sweet Peas, Giant Spencer, Mixed.** The finest strain. 10 feet.
- Thunbergia, Mixed Colors.** Charming, vine, flowering freely. 6 feet.

Henderson's Collection of Flowers for Rockeries and Rock Gardens

Often, after clearing up new grounds, masses of stones will be present which would be difficult to dispose of, and these can be used to good advantage.

Select a partially shaded location where the ground has ordinary moisture and is well-drained. Begin by placing the stones so as to allow the moisture from rains to run into the garden and not away from it. After placing a stone in position, work the soil in well around it in order to allow the moisture to work up among the stones and give the proper conditions for growing rock plants. Any air spaces that are left between the stones will prevent an even degree of moisture in the garden.

Rock gardens can be made any height desired. When building the upper course, be sure that planting spaces 8 to 10 inches in diameter are left so that a number of plants can be planted on the top.

1057 Alyssum Saxatile Compacta "Basket of Gold." Hardy plant. large flowers, pure yellow, 9 inches high. Pkt. 15c.

1045 Agrostemma Coronaria "Rose Champion." Mixed Colors. Pkt. 15c.

1173 Arabis Alpina. A very useful, hardy plant for rockeries; pure white flowers. Height 6 inches. Pkt. 15c.

1478 Aubretia Hybrids Mixed. A lovely mauve spring blooming plant; produces great masses of bloom. Hardy and easily grown. Pkt. 25c.

1632 Campanula Persicifolia Blue. "Peach-leaved bell-flowers." large blossoms of blue or white 2 to 3 feet high. Pkt. 15c.

1704 Candytuft Gibraltica. Blooms early, hardy, large flowers red and rose-white 12 to 18 inches high. Pkt. 15c.

1708 Candytuft Sempervirens. Completely covered with flowers in spring. Pkt. 25c.

1858 Cerastium Tomentosum "Snow in Summer." Of sprawling habit, white leaves and white flowers. Pkt. 15c.

There is great scope for the imagination in laying out a rock garden, and it will help the amateur considerably to study some natural rock formation. If a bank or terrace already existing is utilized, loosen it up with a pick axe and add more soil. Place the stones as previously recommended.

Preparations for a Rock Garden must be made ahead, if all the plants used are Perennials which will not bloom the first year. Seeds should be planted outdoors on the rock garden in the places they are to grow, early in spring and up to July 15th. We strongly recommend planting Darwin Tulips and other bulbs in Rock Gardens as they provide a show in springtime. (See our *Bulb Catalogue* published Sept. 1st.)

2030 Cowslip. Spring flowering, hardy, bears variously colored clusters of fragrant flowers. Pkt. 15c.

2084 Delphinium Blue Butterfly. Beautiful blue variety of compact growth, blooms the first year if sown early. Height 18 inches. Pkt. 15c.

2288 Geum Mrs. Bradshaw. A large double strain, bears brilliant crimson-scarlet flowers. Height 2 feet. Pkt. 25c.

2405 Heuchera. Sanguinea or Alum Root. Flowers are a beautiful red. Bloom all summer. Height 2 feet. Pkt. 25c.

2854 Myosotis Pulustris. The popular old-fashioned blue Forget-me-not. Pkt. 10c.

3676 Sedum Acre Stone Crop. No Rockery is complete without this plant. Perennial. Pkt. 25c.

3636 Saxifraga Mixed Colors. Known as "Rockfoil," mossy leaves invaluable for rockeries, stone walls, etc., etc. Pkt. 25c.

Henderson's Collection of Flowers for Rock Gardens

4761 Collection of 1 packet each of the 15 varieties \$2.50 postpaid.

POT-GROWN PLANTS FOR ROCK GARDENS

We can supply suitable plants for rock gardens, our selection of varieties, at \$3.50 per dozen or \$25.00 per hundred. For a garden 6 x 6 feet, 50 plants would be required. Page 162.

Summer is the best time to build a Rock Garden. On page 202 we offer Rock Gardening (illustrated), by F. F. Rockwell, giving full directions. Price postpaid, \$1.00.

96 Plant Henderson's "Cut Flower" Collection

(Shown in Colors on the Back Cover)

Sixteen Packets of Garden Annuals For \$1.25 Postpaid



Henderson's Cut-Flower Collection

4751 This collection is composed of sixteen of the best long-stemmed Annuals for growing in the home garden. Many occasions arise when it is desirable to be able to go into the garden and gather huge armfuls of choice cut-flowers. It is then indeed gratifying to have a large selection as offered here to choose from. All produced on long stems that lend themselves to every style of artistic arrangement in either harmonious or contrasting color combinations.

Flowers purchased in a store can never be as interesting as a bouquet cut fresh from your own garden. A simple vase or bowl of flowers will bring cheer and happiness into a room even on the dullest day. The Helichrysums or Everlasting Flowers included in this collection may be dried, and will remain bright and attractive for an entire year.

The letter prefixed to each variety is a key to the flowers shown on the color plate shown on back cover of this catalogue

- A. 2580 Larkspur, Tall Branching Mixed.Pkt. 10c.
- B. 1750 Carnation, Marguerite Mixed.Pkt. 10c.
- C. 4630 Zinnia, Mammoth Flowering Mixed.Pkt. 10c.
- D. 3650 Scabiosa, Maxima Plena Mixed.Pkt. 10c.
- E. 1596 Calendula, Orange King.Pkt. 10c.
- F. 1175 Arctotis, Grandis.Pkt. 10c.
- G. 2730 Marigold, Pride of the Garden Mixed.Pkt. 10c.
- H. 2390 Helichrysium, Monstrosum Mixed.Pkt. 10c.

- I. 1110 Antirrhinum, Large Flowering Mixed.Pkt. 15c.
- J. 2110 Dianthus, Crown of Perfection Mixed.Pkt. 10c.
- K. 2260 Gaillardia, Annual Single Mixed.Pkt. 10c.
- L. 1850 Centaurea, Imperialis Mixed.Pkt. 10c.
- M. 1450 Aster, Semples Mixed.Pkt. 10c.
- N. 3000 Nasturtium, Giant Flowering Tom Thumb Mixed.Pkt. 10c.
- P. 4300 Sweet Peas, Spencer Mixed.Pkt. 10c.
- Q. 2366 Gypsophila, Paris Market.Pkt. 10c.

Henderson's "Forget-Me-Not" Collection

Seventeen Packets of Hardy Perennials \$1.50 Postpaid

(Shown in Colors on Second page of Cover)

Pamphlet, "A Perennial Flower Garden From Seed," Sent with Every Collection

4715 The great charm of Perennials lies in their permanence. Once established they are a constant source of pleasure, and among the most interesting plants in our gardens, presenting a variety of form and color so great as to fit them for almost every conceivable purpose in the garden.

This collection consists of 17 of the most popular and easily grown sorts, all of which will bloom the year following the sowing of seed. A few, including Coreopsis Gaillardia, etc., often flower the same year, if the seed is sown early in spring.

Perennial Flower Seeds can be sown from early spring to about August 1st, in the latitude of New York.

The letter prefixed to each variety is a key to the flower shown on page 2 of cover. For descriptions, refer to index, page 207.

- A. 2440 Hollyhock, Hardy Extra Choice Double Mixed.Pkt. 10c.
- B. 2854 Myosotis, PalustrisPkt. 10c.
- C. 2090 Delphinium, Henderson's Single and Double Superb Hybrids. Mixed colors.Pkt. 25c.
- D. 3560 Pyrethrum Hybridum, or Painted Daisy. Mixed colors.Pkt. 15c.
- E. 4455 Sweet William, Henderson's Perfection Double Large-flowering. Mixed.Pkt. 10c.
- F. 3410 Phlox Hardy, Large-flowering Hybrid Mixed.Pkt. 15c.
- G. 1670 Canterbury Bells. Mixed.Pkt. 10c.
- H. 2170 Digitalis, or Foxglove. Mixed colors.Pkt. 10c.
- I. 3657 Scabiosa, Hardy 2 to 3 feet high. Flower semidouble, lilac-blue.Pkt. 10c.
- J. 1057 Alyssum (Saxatile Compacta).Pkt. 15c.
- K. 1994 Coreopsis "Harvest Moon".Pkt. 10c.
- L. 3490 Poppy, Giant Oriental. Mixed colors.Pkt. 15c.
- M. 1150 Aquilegia, or Columbine. Mixed colors.Pkt. 25c.
- N. 2250 Gaillardia, Giant Hardy Hybrid. Mixed colors.Pkt. 10c.
- O. 1760 Carnation, Hardy Garden. Finest Double Mixed Pkt. 15c.
- P. 1470 Asters Hardy, New Large-flowering. Mixed colors.Pkt. 10c.
- Q. 1896 Chrysanthemum (Shasta Daisy).Pkt. 25c.



The "Forget-Me-Not" Perennial Collection

Plants of the "Forget-Me-Not" Collection

We can furnish plants of the varieties in this collection. (See page 165.)

Plants are shown to best advantage when framed with a background of Flowering Shrubs. See our offering of Shrubs on pages 168-169

Flowers Gay and Emerald Lawn, Perfect Setting for the Home 97

THE ANNUAL FLOWER GARDEN AND VARIOUS BORDERS

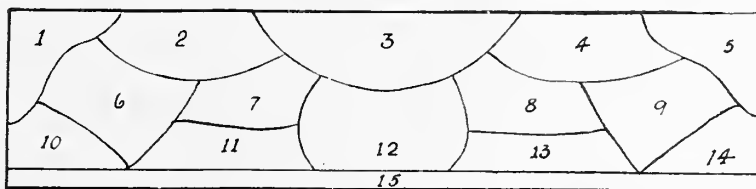
Annual flowering plants grow from seed to seed in one year, and then die; although of course some perennials are grown as annuals, and these live on from year to year. Every garden lover will agree that the majority of gardens would be rather colorless over a considerable period of time if it were not for the ever popular annual flowers.

Annuals are the most adaptable of all flowering plants. They frequently supply just the touch of color that is needed to liven up a perennial border, or relieve the somberness of a group of shrubs or evergreens. Annuals may be grown anywhere. There are some which thrive in the light sandy soil of the seashore, others that luxuriate trailing among the rocks of the mountain side, and a host of varieties that thrive in the average garden.

They are the ideal flowers for the garden lover who rents his home because within the short period of from six to eight weeks he can enjoy the results of his labors.

Hardy Annuals thrive easily in the open ground and can be planted

there during April, May, and onwards. **Half-Hardy Annuals** should not be planted in the open ground until May, and the best results with these varieties are obtained by sowing the seeds under glass—either in boxes in the window, covered with a pane of glass, or in a cold frame which every amateur gardener should have. Failing this, it is an easy matter to improvise a cold frame. A storm sash and some boards for the frame are all the essentials. Sow all Half-Hardy Annuals then, in a cold frame or in window boxes and get 3 weeks start of the season. The Hardy Annuals may be sown outdoors in the beds where they are to remain about May 10th to May 15th. Some species should be sown outdoors in April.



A BORDER OF ANNUAL FLOWERS

They comprise such varieties as Sweet Peas, Morning Glory, Calendula, Kochia, Alyssum, Corn Flower etc.

For full cultural instructions see our booklet "Flowers for American Gardens," sent free to all who request it.

BORDERS OF ANNUAL FLOWERS

Below are a number of suggestions for planting a border with annuals. The diagram above represents a border twenty-five feet long and five feet wide. It is ideal for a City back yard where plenty of sunlight is obtained. If it backs up on a board fence, the fence should be covered with annual vines. Where space will permit, a background of flowering

shrubs is more effective in which case the border should be started about two feet in front of the shrubs.

One packet of seed will be enough for each space designated on the plan. Cultural directions are given in our booklet "Flowers for American Gardens," sent postpaid.

CUT FLOWER BORDER

No. on Plan	No. on Plan	No. on Plan
1 Marigold, Pride of the Garden Mixed	6 Centaurea, Imperials Mixed	12 Carnation, Marguerite Mixed
2 Zinnia, Giant Mixed	7 Antirrhinum, Large Flowering Mixed	13 Gaillardia, Annual Single Mixed
3 Larkspur, Tall Branching Mixed	8 Arctotis, Grandis Simplex	14 Calendula, Orange King
4 Scabiosa, Maxima Plena Mixed	9 Aster, Mixed	15 Dianthus, Crown of Perfection Mixed
5 Helichrysum, Moustreous Mixed	10 Nasturtium, Dwarf Giant Flowering Mixed	Giant Spencer Sweet Peas to grow on fence in background.
4751 Collection, one packet each 16 varieties, \$1.25	11 Gypsophila, Paris Market	

FRAGRANT BORDER

No. on Plan	No. on Plan	No. on Plan
1 Sweet Sultan	6 Stocks, Rosy Morn	11 Verbena, Lemon
2 Wallflower, Blood Red	7 Heliotrope, Lem-oine's Giant	12 Carnation, Marguerite
3 Nicotiana, White	8 Stevia Serrata	13 Mignonette
4 Wallflower, Mixed	9 Stocks, Grand Rouge	14 Viola Zariza
5 Sweet Scabiosa, Mixed	10 Viola, The Czar	15 Sweet Alyssum
4752 Collection, one packet each 15 varieties, \$1.00		

BLUE BORDER

No. on Plan	No. on Plan	No. on Plan
1 Salpiglossis, Light Blue	6 Cynoglossum, Amabile	11 Nemophila, California Blue Bell
2 Larkspur, Tall Branching Dark Blue	7 Didiscus, Coeruleus	12 Ageratum, Perfection
3 Aster, Invincible Blue	8 Arctotis, Grandis	13 Nigella, Miss Jekyll Blue
4 Lupinus, Blue	9 Centaurea, Cyanea Double Blue	14 Heliotrope, Lem-oine's Giant Blue
5 Scabiosa, Azure Fairy	10 Browallia, Speciosa Major	15 Lobelia, Crystal Palace
4753 Collection, one packet each 15 varieties, \$1.00		

PINK BORDER

No. on Plan	No. on Plan	No. on Plan
1 Aster, Invincible Deep Pink	6 Stocks, Rose of Noice	12 Petunia, Rosy Morn
2 Balsam, The Queen	7 Larkspur, Tall Branching Rose	13 Begonia, Prima Donna
3 Lavatera, Rosea Splendens	8 Poppy, Double Rosy Morn	14 Phlox, Drummondii Brilliant Rose
4 Lupinus, Pink	9 Antirrhinum, The Rose	15 Verbena, Mammoth Pink
5 Salpiglossis, Pink	10 Godetia, Charming	
4754 Collection, one packet each 15 varieties, \$1.00	11 Vinca, Rosea	

A GARDEN OF ANNUALS (See Plan)

The plan printed herewith represents a garden of annual flowers 25 by 40 ft. All of the varieties selected are easily grown, may be sown directly in the gardens and will present a gay and colorful appearance throughout the entire summer.

A sun dial or Bird Bath will look attractive in the center of the circle and the paths may either be made with gravel or grass.

One packet of seed will be enough for each section and 1½ oz. of Alyssum will be required for the border.

No. on Plan	No. on Plan	No. on Plan
1 Verbena, Pink	6 Centaurea, Chameleon	11 Calendula, Lemon King
2 Petunia, Kermesina	7 Zinnia, Giant Crimson	12 Marigold, French Gilt Edge
3 Sweet William, Mixed	8 Aster, Invincible Carmine Rose	A Antirrhinum, Old Gold
4 Phlox, Drummondii	9 Larkspur, Light Blue	B Calliopsis, Crimson King
5 Stocks, Rosy Morn	10 Poppy, Double White	C Alyssum, Carpet of Snow, 1½ oz.
4755 Collection, one packet each 15 varieties, \$1.25		

RED BORDER

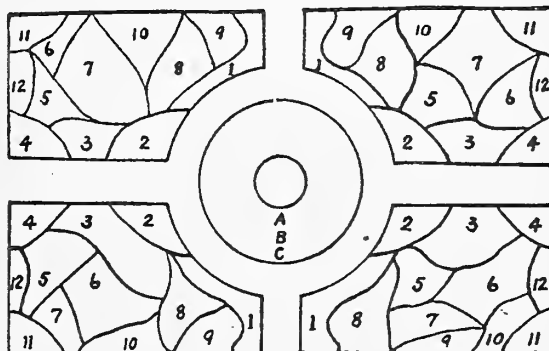
No. on Plan	No. on Plan	No. on Plan
1 Aster, Heart of France	7 Nasturtium, King of Reds	11 Eschscholtzia, Crimson King
2 Antirrhinum, Cerberus	8 Larkspur, Tall Branching	12 Celosia, Crimson King
3 Salvia, Splendens	9 Salpiglossis, Bright Crimson	13 Verbena, Mammoth Scarlet
4 Nicotiana, Crimson King	10 Poppy, Double Firebrand	14 Petunia, Kermesina
5 Zinnia, Giant Scarlet		15 Portulaca, Parana
4755 Collection, one packet each 15 varieties, \$1.00		

WHITE BORDER

No. on Plan	No. on Plan	No. on Plan
1 Lupinus, White	6 Matricaria, Snowball	11 Verbena, Mammoth White
2 Aster, Invincible White	7 Poppy, Double Lady in White	12 Candytuft, Empress White
3 Nicotiana, Affinis	8 Vinca, Alba Pura	13 Lobelia, Snowball
4 Zinnia, Giant White	9 Phlox, Drummondii Alba	14 Nigella, Miss Jekyll White
5 Antirrhinum, Snowflake	10 Gypsophila, Paris Market	15 Alyssum, Carpet of Snow
4756 Collection, one packet each 15 varieties, \$1.00		

YELLOW BORDER

No. on Plan	No. on Plan	No. on Plan
1 Chrysanthemum, Golden Queen	5 Marigold, Pride of Garden Orange	10 Nasturtium, Golden Gate
2 Centaurea, Chameleon	6 Calendula, Orange King	11 Verbena, Mammoth Yellow
3 Zinnia, Giant Golden Yellow	7 Bush Eschscholtzia	12 Antirrhinum, Canary Bird
4 Scabiosa, Golden Yellow	8 Calliopsis, Golden King	13 Eschscholtzia, Golden West
	9 Argemone, Grandiflora	14 Bartonia, Aurea
		15 Pyrethrum, Golden Feather
4757 Collection, one packet each 15 varieties, \$1.00		



Plan for an Annual Flower Garden 25 x 40

Alphabetical General List of

HENDERSON'S FLOWER SEEDS



Achillea (The Pearl)

1012 The Pearl produces large and fully double pure white flowers which are borne in large clusters on long stems. It grows about 2 feet high and is literally covered with these snowy blossoms from spring until frost. Splendid cut flowers for vases. Although a perennial, it will flower freely the first season if the seed is sown indoors early. (See illustration.) (For plants see page 163). Pkt. 15c.

Aconitum Napellus (Monkshood)

1016 Handsome, hardy herbaceous plant, throwing bold spikes of dark blue flowers in summer. Effective in hardy flower borders, shrubberies, etc.; height, 3 to 4 feet. Pkt. 10c.

Acroclinium, Double Mixed

1020 Freec summer-flowering annual plants for garden decoration; the flowers dry as "Everlastings" for winter bouquets. Acrocliniums are also grown as pot plants for market in European cities—in full bloom the plants are showy and effective—and will stand a lot of abuse on account of the lasting quality of the flowers. Grows to a height of 1 foot. (See illustration) Pkt. 10c.

The following varieties are also used for the same purposes as Acroclinium.

2374 to 2391 **Helichrysum Monstrosum Everlasting or Straw Flower.** (For description, see page 114.)

2290 **Globe Amaranth.** (For description, see page 113). Pkt. 10c.

1079 **Ammobium Alatum.** (For description, see page 99). Pkt. 10c.

4760 **Ornamental Grasses.** Produce beautiful plumes for mixing with flowers when dried. Pkt. 10c.

3563 **Rhodanthe.** (For description, see page 129.) Pkt. 10c.

Ageratum or Floss Flower

Dwarf compact-growing annual plants, 6 to 12 inches high, flowering freely throughout the season from spring-sown seed. Splendid for bedding, edgings or pots. Ageratums produce flowers freely all through the summer. The flowers of the taller varieties are fine for bouquets. (See illustration.)

1032 **Little Dorrit Blue.** Height 5 to 6 inches Pkt. 10c.

1034 **Little Dorrit White.** Height 5 to 6 inches Pkt. 10c.

1036 **Blue Perfection.** Large heads of deep amethyst-blue flowers, plant very even in growth, about 8 inches high Per 1,000 seeds, 25c.; Pkt. 10c.

1038 **Blue Star.** A tiny and compact variety, only 4 to 5 inches high, densely covered with light blue flowers. Pkt. 25c.

Alyssum, Sweet

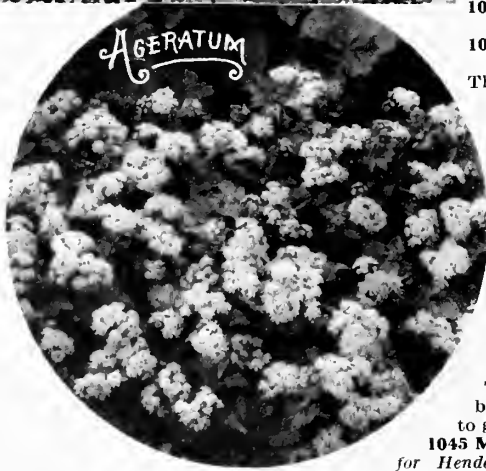
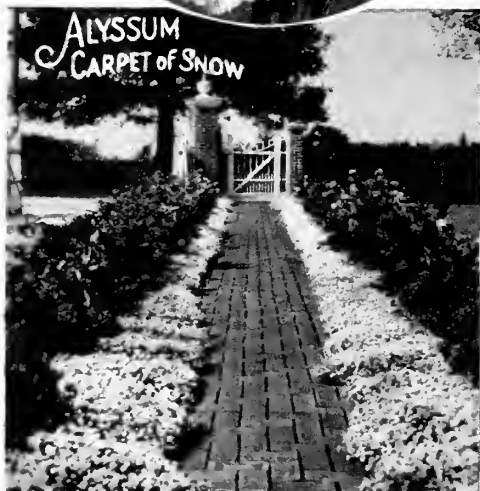
1052 "Carpet of Snow." (A. *Compacta Procumbens*.) This new variety is pure white and grows only 2 to 3 inches high and flowers profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edging and bedding this is a very satisfactory little annual. (See illustration.) Per ½ oz., 50c.; Pkt. 10c.

1054 **Maritimum.** The well-known Sweet Alyssum; white flowers borne profusely. ¾ foot. Per ½ oz., 25c.; Pkt. 10c.

1055 **Lilac Queen.** (Compactum.) A pleasing shade of lavender, compact growth. Per ½ oz., 60c.; Pkt. 10c.

1056 **Tom Thumb or Little Gem Sweet Alyssum.** (A. *Benthami Compactum Erectum*.) One of the finest for edgings and low beds; ½ foot. Per ½ oz., 40c.; Pkt. 10c.

1057 **Alyssum, Hardy Saxatile Compacta.** A beautiful dwarf hardy perennial for spring beds or edging a flower border. Popularly known as "The Basket of Gold." The deep flowers are produced in large clusters and are of a deep pure yellow, ¾ foot. (For plants see page 167.) Pkt. 15c.



Agrostemma

Coronaria

(Hardy Rose Campion)

Perennial growing 2 feet high, suitable for rock gardens and borders. The flowers of Agrostemma, also known as Rose Campion, were in ancient times woven into garlands or crowns for festivals, which explains the name Coronaria. Colors are crimson and white with a rosy eye. The foliage is silvery white, they bloom abundantly and are very easy to grow.

1045 **Mixed Colors.** Pkt. 15c. See page 83 for Henderson's Rock Garden Collection



Amaranthus Annual

These robust annuals, including "Love-Lies-Bleeding," "Joseph's Coat," etc., attain a height of from 4 to 6 feet; are very showy and effective garden plants.

- 1072 Abyssinian.** This giant "Love-Lies-Bleeding" has light green foliage, veined and shaded rose, and pendent chenille-like tassels of red, measuring up to 2 feet in length and borne in clusters. Pkt. 10c.
- 1073 Aurora.** The plant is clothed from ground to tip with long, arching leaves, colored rich green and bronze at the base; the foliage brightening toward the top into rose-yellow, red and green. Pkt. 10c.
- 1075 Caudatus.** (Love-Lies-Bleeding.) Rapid-growing garden annual with long, drooping crimson flower spikes; height 3 feet. Pkt. 10c.
- 1077 Oriflamme.** A strikingly showy new variety of branching, pyramidal growth about 5 feet high. It is well clothed with large leaves of glossy maroon, while the central and side branches are all topped with bright scarlet leaves. Pkt. 10c.
- 1078 Tricolor Nanus, Dwarf, Joseph's Coat** (new). This new dwarf variety has been named "Fire Amaranth" from its very brilliant coloring; the foliage is of a bright carmine with variegations of golden yellow, blood red and dark green. A fine plant for ornamental gardening; also splendid for pot culture. Height, 18 inches. Pkt. 25c

Ammobium Alatum Annual

- 1079 Valuable white Everlasting.** The fully expanded flower has a yellow center. If sown in April or May and treated as a hardy annual the plants bloom freely the same year. Height, 2 1/2 feet. Pkt. 10c.

Ampelopsis Veitchii, "Boston" or "Japan Ivy"

- 1082** A valuable climber. Entirely hardy in the most exposed places, often attaining a height of 20 to 30 feet in two or three years from seed, clinging to stones, brick or wood-work with the greatest tenacity. It is a great protection to walls, etc., as the leaves lapping over each other, shed rain. For covering dead trees, gate posts, boundary walls, etc., it has no equal. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange. Pkt. 10c

Anchusa Italica Perennial

- 1087 "Dropmore" variety.** A fine, large, hardy, herbaceous plant; 4 to 5 feet high. This new "Dropmore" variety is a great improvement on the type, the beautiful Forget-Me-Not-like flowers being much larger than others and of a lovely Gentian blue produced in long, loose sprays. Invaluable for the hardy border, as flowers are produced during the entire season and until late in the fall. Pkt. 15c.

Annual Anchusa "Blue Bird"

- 1089** The perennial Anchusa, in its highest development, the Dropmore variety, is deservedly popular by its lovely bright blue flowers. This esteem is now shared by the annual Anchusa, which grows about 18 inches high, is of compact habit, and bears its flowers in a luxuriant bouquet at the top of the plant. The latter are of a vivid indigo blue and of brilliant effect for the decoration of beds and borders. (See illustration) Pkt. 35c

Anemone Perennial

- 1092 St. Brigid.** These beautiful Irish Poppy-flowered varieties are hardy perennials, flowering from seed the second year and thereafter. Produce in abundance large single, semi-double and double flowers 3 to 5 inches across, in an endless variety of colors, from maroon and brightest scarlet to flesh-pink, and from lilac to purple. Some are mottled, striped, ringed, etc. For cutting they are unsurpassed and in the garden they flower until after frost. From seed sown in January or February under glass the plants should begin to bloom in September or October of the same year, and continue until the following June. Seed may also be sown in June or July for plants to bloom in the succeeding year. (See illustration) Pkt. 15c.

Antirrhinum or Snapdragon

Special Greenhouse Forcing Varieties

We particularly recommend these sorts as very valuable for forcing under glass.

- 1094 Afterglow.** Beautiful bronze. Pkt. 50c.
- 1095 Ceylon Court.** Canary Yellow. Pkt. 50c.
- 1096 Helen.** Delicate Salmon. Pkt. 50c.
- 1097 Jennie Schneider.** Salmon pink. Pkt. 50c.
- 1098 Rocks White.** Pure white. Pkt. 50c.
- 1099 Roman Gold.** Rich old gold. Pkt. 50c.

Antirrhinum or Snapdragon New Large Flowering Dwarf

(Grandiflorum nanum)

A great improvement over the ordinary dwarf sorts. The great size and perfect form of the individual bloom combined with ideal symmetry of the spike are its main characteristics. A beautiful variety for beds or borders, height 1 foot. Seed is sown in the open ground in May to flower in July, but a better way is to start seeds indoors in March and transplant outdoors when ready. (See illustration.)

- 1103 Advance.** Brilliant orange scarlet with white throat. Pkt. 15c.
- 1104 Charm.** Rich, glowing rose. Pkt. 15c.
- 1105 Empress.** Velvety crimson. Pkt. 15c.
- 1106 Golden Monarch.** Golden yellow. Pkt. 15c.
- 1107 Madonna.** Pure white. Pkt. 15c.
- 1108 Melody.** Salmon pink with lemon center. Pkt. 15c.
- 1115 Nelrose Improved.** Coral pink. Pkt. 15c.
- 1116 Philadelphia Pink.** An exquisite shade of light pink. Pkt. 15c.
- 1110 Mixed Colors.** Pkt. 15c.
- 1111 Collection of above 8 named varieties.** \$1.00

Antirrhinum Rock Hybrids

This very pretty hybrid forms small compact bushes with variously colored flowers, shades of rose, pink, purple, mauve and bicolors being produced in great profusion. It blooms two weeks earlier than the average Snapdragon and is eminently suitable for decoration of rock and alpine gardens. **1143 Pink Gem,** pkt. 35c.; **1144 White Gem,** pkt. 35c.; **1145 Mixed Colors,** pkt. 25c.



100 "Peter Henderson" is a Household Word with Gardeners



Aquilegia or Columbine

These hardy perennial plants bloom at a time when there is a short lapse of bloom in most gardens, immediately after the spring bulbs are through flowering, and before the perennials have begun.

- 1150 Henderson's American Hybrid Columbine.** The flower stems, often 40 inches in height, carry magnificent clusters of immense, long-spurred single flowers lasting a long time. The colors include rich shades as well as new and delicate tints; pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla, cerise, purple, rose and white, salmon, lavender, mauve, etc. The long-spurred flowers are not only brilliantly effective on the plant, but equally desirable when cut for vase and house decoration. (See illustration.) Pkt. 25c.
- 1153 Chrysantha.** The beautiful, long-spurred yellow variety. Pkt. 10c.
- 1155 Bell-flowered Columbine.** (*Aquilegia Clematiquilla*.) A beautiful new spurless type producing freely large open bell-shaped flowers of many beautiful colors, shades and combinations of colorings including sky blue, pink, deep blue, purple, violet, lavender, white, flesh, rose, maroon, salmon, etc., in mixture. Pkt. 25c.
- 1157 Coerulea Hybrida.** Long-spurred flowers of white and blue. Pkt. 10c.
- 1160 Double-flowering, Long-spurred Hybrids.** Beautiful, long-spurred, large double flowers, formed of several rows of cornucopia-like petals and in various shades of yellow, lavender, blue, indigo, and white. **Mixed Colors** Pkt. 25c.
- 1170 Single, Large-flowering, Mixed Colors.** Pkt. 10c.

Arabis Alpina (Rock Cress)

- 1173** A fine dwarf hardy perennial largely used for rock gardens. Flowers pure white, blooming early in the spring. (See illustration.) Pkt. 15c.

Arctotis Grandis

- 1175** A very popular annual, having large, pearly white flowers borne on long stems well above the foliage. The petals are white on the upper surface and pale lilac on reverse and in the center of the flower is a light blue disc surrounded with white stamens and a narrow golden band. Seen in the bright sunlight a very charming effect is produced as the white petals contrast beautifully with the blue disc and the stamens. Very good for cutting. The plant is of branching habit and forms a clump 2 to 3 feet high; when in flower the entire bush seems to be covered producing a very striking effect in either bed or border. (See illustration.) Pkt. 10c.

Argemone

- 1182 Hybrida Grandiflora.** These new, large-flowering "Prickly Poppies" form branching plants about 3 feet high and 18 inches across. The large, single, Poppy-like flowers are white, cream, primrose and yellow. They are borne freely and continuously all summer long; the thistle-like foliage is of a grayish-green with silvery ribs. They grow quickly and easily from seed, will thrive in any sunny situation and are particularly effective in the mixed flower border. Pkt. 10c.

Aristolochia Siphon

- 1185 Dutchman's Pipe Vine.** Luxuriant, hardy climber; large leaves, making dense shade; flowers, yellow and brown; mottled and curiously shaped; 30 feet . . . Pkt. 10c.

Arnebia Cornuta

- 1192** A charming annual, growing in bushy form about 2 feet high and about the same breadth. It blooms with profusion the whole summer. Beautiful flowers, $\frac{3}{4}$ of an inch across, of a rich primrose yellow, marked with five black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear, bright yellow. Pkt. 10c.

Artemisia or Summer Fir

- 1195** This ornamental foliage plant (*Sacrorum Viridis*) is an annual and owing to its fast growth reaches its full size the year of sowing. It forms pyramidal bushes 3 to 5 feet high. As a solitary plant it looks like a nicely developed Christmas tree. It may be successfully grown in borders similar to the Summer-Cypress (*Kochia trichophylla*). The color of the finely pinnated foliage is rich dark green. Its resistance to drought and heat is remarkable. Cut branches last very long and may be used for wreaths, decorations, etc. Pkt. 10c.

Ornamental Asparagus

- 1202 Plumosus Nanus.** Green-house climber with Fern-like foliage. . . Per 100 seeds, \$1.00; Pkt. 25c.
- 1205 Sprengeri.** Decorative perennial for pots, vases, etc.; drooping chenille-like fronds 4 feet long. Per 100 seeds, 25c.; Pkt. 10c.

Aubretia (Rainbow Rock Cress)

- 1478** Large flowering hybrids mixed. A fine hardy perennial plant suitable for rock gardens and edgings. Flowers, mauve, rose, etc., height 1 foot (See illustration.) Pkt. 25c.



Auricula

1480 Primula Auricula. Beautiful hardy perennials, low growing, early spring-flowering plants, fine for borders, pot culture, etc., the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long . . . Pkt. 25c.

Balloon Vine

1486 Rapid-growing annual climber, 10 to 15 feet, white flowers followed by balloon-like seed pods. Pkt. 10c.

Balsam, Double

These are the most perfect in form and largest flower yet developed in this old garden favorite, which is among the most popular of summer annuals; height, 1½ to 2 feet. (See illustration.)

1490 Goliath Balsam. Mixed colors. A new type of phenomenally robust growth, throwing up a main stem about 4 feet high, the lower half of which carries several candelabra-like side branches, all of which are well clothed with very large and double flowers of charming colors Per 500 seeds, 50c.; Pkt. 10c.

1492 The King. Glowing fiery-scarlet, large, full double flowers. Pkt. 10c.

1494 The Queen. Deep rose-pink, large, double flowers; exquisite. Pkt. 10c.

1496 White Perfection. Large double white Pkt. 10c.

1500 Extra Choice, Doubled Mixed. Containing many colors, spotted, blotched, striped, etc. Per 500 seeds, 40c.; Pkt. 10c.

Bartonia, Golden

1506 Bartonia Aurea. A native of California, and one of our showiest annuals.

It produces large single golden-yellow flowers which have quite a metallic lustre when the sun shines on them. A large cluster of yellow-stamens adds to the effectiveness of the blossoms, which measure nearly 3 inches across, and are borne profusely all summer long, on bushy plants about 1 foot high. It succeeds best grown in masses so the foliage will shelter the ground from the hot sun. It will then thrive almost anywhere, but prefers a moist situation. (See illustration.) Pkt. 10c.

Begonia—Tuberous Rooted Varieties

These profusely-flowering pot plants are deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 2 to 3 inches in diameter, and are of various beautiful colors; height, 1 foot.

1510 Double, Large-flowering. Mixed Colors. Pkt. 50c.

1520 Single, Large-flowering. Mixed Colors. Pkt. 25c.

Begonia

Everblooming Fibrous-Rooted Varieties. The semperflorens (Ever-flowering) varieties of fibrous-rooted Begonias offered below are unsurpassed bedding plants. Thriving equally well in partially shaded or sunny locations, flowering profusely through summer and fall—beds or edgings of these Begonias being a sheet of color continuously. As pot plants for winter flowering they are also superb; easily grown from seed which should be sown early indoors.

1514 Magnifica. A very striking bedding or pot plant, producing bright crimson, flowers; dark bronze foliage, plants bushy and compact, about 10 inches high.

Per 1,000 seeds, \$1.00; Pkt. 25c.

1516 Prima Donna. Splendid bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1¼ inches in diameter, and of charming rose color shading to carmine in center. (See illustration.)

Per 1,000 seeds, \$1.00; Pkt. 25c.

1518 Vernon. Fine bedding and pot plant, 6 inches high; blood-red flowers in profusion. Per 1,000 seeds, \$1.00; Pkt. 25c.

1517 Radio. The plants, 1 foot high, are strong and the blossoms form large loose clusters. The color is a pure brilliant carmine rose contrasting most effectively with the golden-yellow anthers and the brown tinted dark green foliage. Pkt. 25c.

1515 Rosabella. The fine compact habit of growth of this plant and the profusion with which the delicate salmon pink flowers are produced easily places this variety in the forefront of the class of Bedding Begonias. Pkt. 50c.



Henderson's Flower Seeds are World Renowned



Bellis or Double English Daisy

Greatly improved varieties of the popular "Double Daisies." Adapted for edgings, borders and low beds and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. (See illustration.) Height, 6 inches.

- 1522 **Red.** Large, densely double flowers, glowing red, shaded rose. Per 1,000 seeds, 75c.; Pkt. 10c.
 1524 **Longfellow.** Extra large double rose-pink flowers. Per 1,000 seeds, 75c.; Pkt. 10c.
 1526 **Snowball.** Large, very double, pure white flowers. Per 1,000 seeds, 75c.; Pkt. 10c.
 1530 **Double Mixed Colors** Per 1,000 seeds, 75c.; Pkt. 10c.
 1532 **Helichrysoides.** A very desirable plant either for bedding or for pot culture, having beautiful pink flowers, with long incurved petals resembling a Miniature Helichrysum. Will flower the same season from spring-sown seed. Pkt. 15c.

Bellis Monstrosa

These new "Double" Daisies surpass all other strains in abundance of large bloom. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across carried on long, strong stems.

- 1534 **Monstrosa Double Rose** Per 1,000 seeds, \$1.00; Pkt. 20c.
 1536 **Monstrosa Double White** Per 1,000 seeds, \$1.00; Pkt. 20c.
 1540 **Monstrosa Double Mixed** Per 1,000 seeds, \$1.00; Pkt. 20c.

Bignonia Grandiflora or Trumpet Vine

1549 The Hardy Trumpet Creeper, clusters of large orange-red flowers; picturesquely effective on arbors, etc.; 40 to 50 feet. Nothing can exceed the beauty of Bignonia when trained over stumps or fences Pkt. 10c.

Brachycome or Swan River Daisy

1560 *B. iberidifolia* is a garden annual, making a compact bush, 8 inches high; single, blue or white flowers. It is very suitable for beds or borders as it blooms most of the summer. As a pretty pot plant for the house it is very desirable; the flowers lasting a long time. **Mixed Colors** Pkt. 10c.

Browallia

1565 **Speciosa Major.** Free flowering annual for either gardens in summer or pot culture in winter; produces flowers $\frac{1}{2}$ to 2 inches across, indigo blue with white throat; 1 foot Pkt. 25c.

Calandrinia Grandiflora

1575 Very beautiful and dwarf-growing bushy annual for the flower garden, having fleshy leaves and umbels of large rose-colored flowers which expand into a perfect blaze of beauty if grown in a sunny situation; 1 foot . . . Pkt. 10c.

Calceolaria

1580 Gorgeous plants for growing in greenhouse and conservatory. The flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, white, etc., spotted and blotched in the most unique fashion; 1 $\frac{1}{2}$ feet. **Large-flowering Spotted Varieties, Mixed.** (See illustration.) Pkt. 35c.

Calendula or Scotch Marigold

The popularity of this beautiful annual has been greatly advanced by the commercial florists, who grow hundreds of thousands of them in their greenhouses during the winter and outdoors during the summer months to supply the demand of the retail cut-flower trade.

Henderson's Improved Calendulas form bushy plants 1 foot high by 1 foot in diameter, and are literally covered with the large showy double flowers. Our seed has been saved from only the largest and most perfect flowers in shape, size, depth and color.

- 1588 **Campfire.** This is a distinct new type originating from Orange King. It is of vigorous growth, the flowers borne on stout stems. The blooms are flat, and are undoubtedly larger than those of any type previously introduced. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Pkt. 25c.
 1592 **Lemon King.** Large, double flowers of lemon-yellow. Per $\frac{1}{4}$ oz., 25c.; Pkt. 10c.
 1594 **Meteor.** Bright yellow, striped orange through the center of each petal. Per $\frac{1}{4}$ oz., 25c.; Pkt. 10c.
 1596 **Orange King.** Large, double flowers of intense golden-orange. Per $\frac{1}{4}$ oz., 25c.; Pkt. 10c.
 1598 **Radio.** This unique new flower is a recent introduction from Europe. The true Radio form is a medium sized orange flower with quilled or comet petals curled and twisted, borne on medium stems. Pkt. 25c.

Calliopsis "King" Large Flowering

One of the showiest and most easily grown of garden annuals. These new large-flowering sorts are great improvements; the plants form perfect little bushes about 10 inches high by 1 foot across and are a perfect mass of bloom from early summer until cut down by frost. The flowers average nearly 2 inches across, and range through yellow, golden and crimson colors, usually with a garnet eye.

- 1602 **Crimson King.** Rich, dark crimson flowers. (See illustration.) Pkt. 10c.
 1604 **Golden King.** Large golden blossoms, with dark eyes. Pkt. 10c.
 1606 **Drummondii or "Golden Wave."** Compact, bushy plants, covered with golden blossoms 2 inches across, with small dark centers. Per ¼ oz., 25c.; Pkt. 10c.
 1608 **Star of Fire.** A brilliant Tom Thumb Calliopsis, only 12 inches high; covered with a mass of fiery-red, Cactus-shaped flowers. Pkt. 10c.
 1610 **King, Mixed Colors.** Per ¼ oz., 25c.; Pkt. 10c.

1611 Imported Collection of Calliopsis, 12 varieties \$1.00

Cup and Saucer Canterbury Bells

(*Campanula Calycanthema*)

The "Cup and Saucer" varieties are bi-ennials flowering the second year from seed produce beautiful single flowers 3 inches in length, saucers 3 to 4 inches across. The plants form perfect pyramids of bloom for weeks during the early summer. (These should be sown every year for flowering the next year.) (See illustration.)

- 1622 **Calcanthema Blue.** Pkt. 10c. 1628 **Calcanthema White.** Pkt. 10c.
 1624 **Calcanthema Rose.** Pkt. 10c. 1630 **Calcanthema Mixed.** Pkt. 10c.
 1626 **Calcanthema Striped.** Pkt. 10c.

Campanulus or Bell-Flowers

Campanula persicaefolia grandiflora. (Peach leaved Bell-Flowers.) Remarkably handsome, hardy perennials, throwing up spikes 2 to 3 feet high; clothed during summer with large, bell-shaped blossoms of blue or white. Prized for both garden and pot culture.

- 1632 **Blue.** Pkt. 15c.
 1634 **White.** Pkt. 15c.

1640 **Campanula Pyramidalis.** The favorite "Chimney Bell-Flower," so prized in old-fashioned gardens and also often grown in pots for greenhouse and piazza decoration. It is a hardy perennial, producing spikes 4 to 5 feet high, encircled about half of their length with large bell-flowers of white or shades of blue. It thrives in any good soil and is very ornamental. Grown in pots the plants should frequently be repotted; they will then attain a very large size. **Mixed Colors.** Pkt. 15c.

1650 **Campanula pyramidalis compacta.** **Mixed Colors.** This new type is dwarfed than the old pyramidalis; they bloom freely and the flowers are equally as large; colors, various shades of blue and white. Height 2½ feet Pkt. 25c.

Canterbury Bells

Very ornamental garden plants of easiest culture, flowering the second season from seed, hardy biennial (requiring to be sown every year for flowering the next year), 2½ feet high, producing large bell-shaped flowers of exquisite colors.

- 1654 **Double Blue.** Pkt. 10c. 1662 **Single Blue.** Pkt. 10c.
 1656 **Double Rose.** Pkt. 10c. 1664 **Single Rose.** Pkt. 10c.
 1658 **Double White.** Pkt. 10c. 1666 **Single White.** Pkt. 10c.
 1660 **Double Mixed.** Pkt. 10c. 1670 **Single Mixed.** Pkt. 10c.

Canary Bird Vine

1675 A rapid-growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 10c.

Candytuft

Well-known dwarf, profuse flowering garden annuals of easy culture, forming bushy plants, 12 inches high, freely carrying large umbels of flowers.

Candytuft Dwarf Hybrid Large Flowering

The plants are fairly covered with blossoms; great favorites for beds, edging, pots and borders and of the easiest culture. They are double the size of the old varieties. Several new and exquisite shades and colors are included; they form bushy little plants only 4 to 6 inches high. (See illustration.)

- 1688 **Dwarf Hybrid, Large-flowering White.** Per 1,000 seeds, 25c.; Pkt. 10c.
 1690 **Dwarf Hybrid, Large-flowering Mixed Colors.** Per 1,000 seeds, 25c.; Pkt. 10c.



Candytuft—Continued

1692 **Empress or Giant White Hyacinth-flowered.** A grand variety, producing enormous spikes of bloom, resembling a white Hyacinth. These spikes often measure 7 inches long by 2½ inches in diameter; plant in bloom 12 inches high. To produce the finest spikes the plant should be transplanted. Per ½ oz., 25c.; Pkt. 10c.

1694 **Umbellata, Lilac.** Pkt. 10c.

1696 **Rose-cardinal.** Produces very large umbels of bright, rose-cardinal flowers, so that plant presents one unbroken sheet of bloom, 8 inches high Pkt. 10c.

1700 **Umbellata, Mixed Colors.** Per ½ oz., 25c.; Pkt. 10c.

Candytuft Hardy

Handsome, compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds; very valuable for early decoration.

1704 **Gibraltaica.** Showy, large-growing, rosy-white; 1 to 2 feet Pkt. 15c.

1708 **Sempervirens.** Completely covered with heads of white flowers in spring; 1 foot Pkt. 25c.

Canna, Crozy's

Crozy's Cannas are famous for their luxuriant, dwarf growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climates and conditions render them easily the most useful, showy and popular garden plants grown. This seed, sown in the house or hotbed from January to March, will produce flowering plants by August.

1720 **Crozy's Novelty Mixture.** Seed saved exclusively from Crozy's latest large Gladiolus-flowered novelties in Cannas. Per oz. 75c.; Pkt. 25c.



Henderson's "Variety Quartet" of Garden Favorites

Sure to Bloom This Season From Seed Sown This Spring

See Illustrations on Colored Plate Opposite

Centaurea (Annual)

Batchelor's Button, Ragged Sailor or Cornflower

Well-known and a great favorite with most flower lovers. The plant itself is not imposing, but the flowers charm everyone by their simplicity and beauty.

1825 Cyanus Double Blue. A very old favorite garden annual, flowering freely in almost any situation. Height, 2 to 3 feet; largely used for cut flowers. Per ½ oz., 30c.; Pkt. 10c.

1827 Double Rose. An exceptionally fine strain of deep rose pink bachelor button. It is one of the most ornamental garden plants imaginable; the deep rose pink of the flowers in contrast with the grayish green foliage is very striking. It is an admirable cut flower. Per ½ oz., 30c.; Pkt. 10c.

1830 Cyanus, Double, Mixed Colors. Produces large globular heads of flowers filled up to the center with florets. Per ½ oz., 30c.; Pkt. 10c.

1812 Americana Hallii. Bushy annual, 30 inches high; large flowers 6 inches across, of lavender-blue; fragrant. Pkt. 15c.

Cosmos, New Crested (Annual)

The new annual Crested Cosmos are a distinct type. Instead of the usual yellow center, they have a very double center standing out and forming a crest. The outer row surrounding the vase, are the broad ray petals termed the guards. These crested Cosmos are the best of all for cut flowers as they last such a long time in water. The strain of seed we offer will produce a large percentage of the doubles. (See illustration.)

2011 Crested Crimson King. Rich brilliant crimson. Pkt. 15c.

2012 Crested Pink Beauty. A soft and pleasing shade of pink. Pkt. 15c.

2013 Crested White Queen. Pure glistening white. Pkt. 15c.

2015 Crested Mixed Colors. Pkt. 15c.

Carnation, Marguerite Giant Flowering (Annual)

The flowers often measure 2 inches across, and are as double as can be. Most of them have lovely fringed petals and are delightfully fragrant. One great merit of these Carnations is that they commence to flower in about twelve weeks' time from seed. Seed sown in the spring will produce luxuriant plants that will be continuously full of bloom from August until killed by severe frosts, or seeds may be sown during the summer for the winter-flowering plants. (See illustration.)

1742 Pink. Per 500 seeds, 75c.; Pkt. 15c.

1744 Scarlet. Per 500 seeds, 75c.; Pkt. 15c.

1745 Striped. Per 500 seeds, 75c.; Pkt. 15c.

1747 White. Per 500 seeds, 75c.; Pkt. 15c.

1749 Yellow. Per 500 seeds, 75c.; Pkt. 15c.

1750 Mixed Colors. Per 500 seeds, 50c.; Pkt. 10c.

1751 Henderson's collection of above 5 separate Colors. 60c.

Carnation Hardy Garden (Perennial) or Border

Seed sown in spring will produce large clumps that will stand out over winter and bloom the following summer and fall. All very double.

1760 Finest Double Mixed. Extra fine strain. Per 500 seeds, 75c.; Pkt. 15c.

1754 Othello. A true dark crimson Vienna Carnation. Early and profuse flowering. Pkt. 50c.

1756 Prof. Malmgreen. This brick red Prof.

Malmgreen is a worthy successor of Othello. If sown in July and planted out in August it will be the first of the garden Carnations to flower. Pkt. 50c.



Chinese Wool Flower (Annual)

1772 This unique type *Celosia Childsi* has large globular heads like balls of wool chenille of rich bright red. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower. It flowers from early summer until frost, and is very effective for gardens, either massed or in groups. (See illustration) Per 500 seeds, 50c.; Pkt. 15c.



Centaurea Imperialis (Annual)

or Imperial Sweet Sultan

These beautiful, giant-flowering "Sultans" produce long-stemmed, exquisitely fringed blossoms 3 to 4 inches across, of graceful effect, and are delightfully fragrant. The colors vary, some having centers of a different color, as violet with white center, etc. For bouquets and vases they are exceptionally beautiful. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high.

1838 Chameleon. Bright yellow flowers. Per 500 seeds, 25c.; Pkt. 10c.

1842 Favorite. Brilliant, rose-colored flowers. Per 500 seeds, 25c.; Pkt. 10c.

1844 Graziosa. Deep lilac. Per 500 seeds, 25c.; Pkt. 10c.

1846 Margaritae. Satiny-white flowers. Per 500 seeds, 25c.; Pkt. 10c.

1848 Splendens. Rich, dark purple. Per 500 seeds, 25c.; Pkt. 10c.

1850 Mixed Colors. Per 500 seeds, 25c.; Pkt. 10c.

1851 Collection of the above 5 separate varieties. Pkt. 40c.

Scabiosa Maxima Plena (Annual)

"Sweet Scabious" or "Mourning Bride"

The flowers of this improved type are very large and double and are produced on long stems which make them exceedingly valuable for cut flowers. The brilliantly colored flowers of this plant measure 6 to 8 inches in circumference, are double clear to the center, and have long stems. They are very free bloomers; very effective for garden decoration and valuable for bouquets, vases, etc.

3642 Azure Fairy. Light blue. Pkt. 10c.

3643 Cerise. Lovely cerise red. Pkt. 10c.

3646 Golden Yellow. Pkt. 10c.

3647 Royal Purple. Pkt. 10c.

3648 Snowball. Pure white. Pkt. 10c.

3650 Maxima Plena. Mixed colors. Per 500 seeds, 35c.; Pkt. 10c.

3651 Collection of above, 5 separate varieties. 40c.

Celosia Cristata or Crested Cockscornb (Annual)

Very popular annuals of easy culture, producing large, ornamental, comb-like heads resembling ruffled chenille; they are prized for summer flower beds, and make fine pot plants; height, 12 to 18 inches. (See illustration.)

1776 Cardinal. Bright Scarlet. Pkt. 15c.

1778 Crimson King. Blood-red. Pkt. 15c.

1782 Prince of Orange. Golden-yellow. Pkt. 15c.

1786 Claret-rose. Pkt. 15c.

1790 Mixed Colors. Pkt. 10c.

Celosia Plumosa or Plumed Cockscornb (Annual)

A superior type of *Celosia Plumosa*, forming pyramidal, branching plants, 3½ feet high, and bearing large, conical, pluming heads of either golden-yellow, fiery scarlet, purple, salmon, blood-red, etc. The plants grow quickly from seed, and present a showy appearance in the summer garden, lasting until frost. They are also grown in pots.

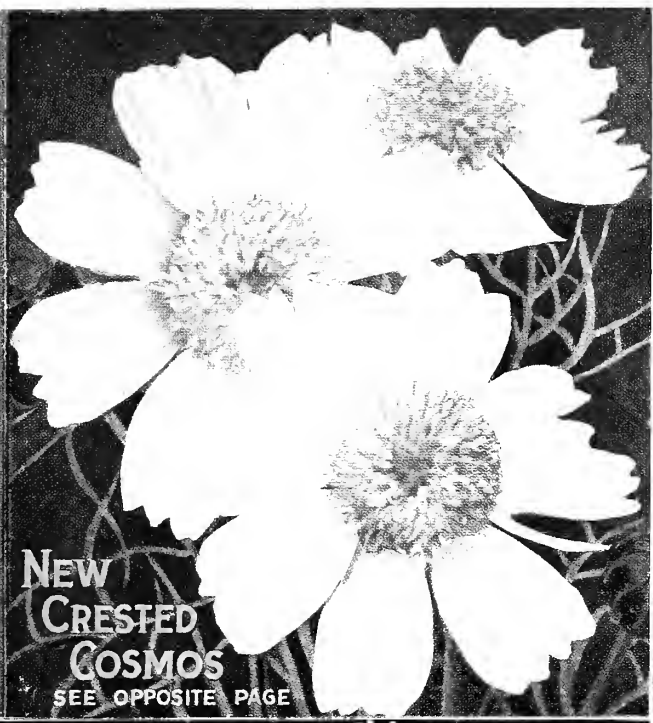
1794 Crimson Plumed. Pkt. 10c.

1796 Golden Plumed. Pkt. 10c.

1800 Mixed Plumed, (Thompson's Magnifica). Pkt. 10c.

1810 Dwarf Plumed. The plants attain a height of 1 foot, including their plumes. Pkt. 15c.

See page 4 about our offer of "Henderson's Garden Guide."



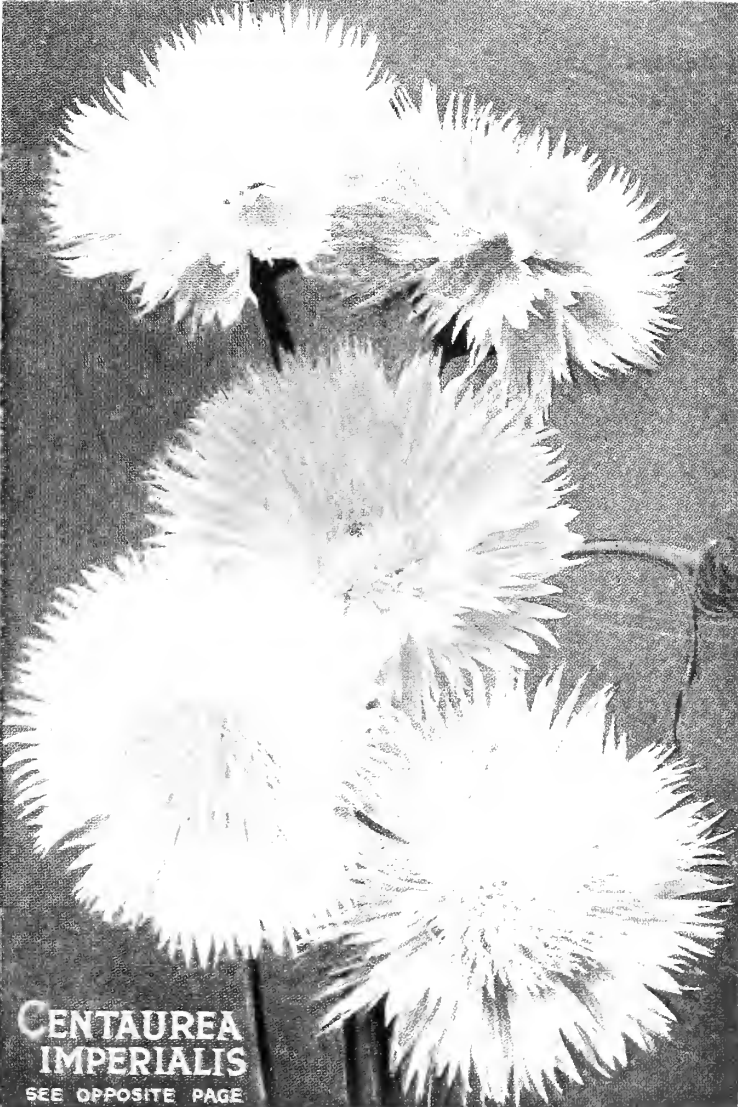
**NEW
CRESTED
COSMOS**
SEE OPPOSITE PAGE



**CENTAUREA CYANUS
OR "RAGGED SAILOR"**
SEE OPPOSITE PAGE



ANNUAL SCABIOSA



**CENTAUREA
IMPERIALIS**
SEE OPPOSITE PAGE

A

D

C

A

B

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F

The GOLD MEDAL
COLLECTION OF 6
DAHLIA-FLOWERED
ZINNIAS

Price 1pkt. of each
of the six varieties
for \$1.00 postpaid

Awarded a Gold Medal 1924
by the Royal Horticultural Society of England.

SEE OPPOSITE PAGE

The "GOLD MEDAL" COLLECTION of Giant Double Dahlia-Flowered Zinnias

107

Shown in Colors on opposite Page

(Awarded a Gold Medal 1924 by the Royal Horticultural Society of England)

The remarkable results obtained with this improved type of the popular flower, by hundreds of our pleased patrons, has fully substantiated the claims advanced by us, for the New Dahlia-Flowered Zinnia is undoubtedly a majestic and beautiful flower.

The plant is striking and spectacular in appearance and distinguished for its vigor and sturdy growth, reaching a height of from three to four feet. The large magnificent blooms that greatly resemble Decorative Dahlias and average from four to five inches across, are borne on strong stems, clear of foliage, which makes them very desirable for cut flower as well as garden decoration. On the whole, it is a valuable acquisition.

4662 Buttercup. A rare shade of deep creamy yellow. (See letter B.)

4664 Dream. A beautiful shade of soft, lavender, turning to purple as flower grows older. (See letter E.)

4666 Exquisite. An exquisite shade of light rose, deepening toward the center. (See letter C.)

4669 Meteor. A rich glowing red, suggesting the deep-toned shades of red velvet. (See letter A.)

4672 Oriole. Immense blooms of deep orange, crimson and gold. (See letter D.)

4674 Polar Bear. A pure cold arctic white. (See letter F.)

4680 Giant Double Dahlia-Flowered Zinnia. All colors mixed. Pkt. 25c.

Price of any of the above, 25c. per packet

4681 Collection—one packet each of the above six varieties \$1.00

"You see I am ordering some more of your Giant Dahlia Flowered Zinnias. Those that I got from you and grew last year impressed mother and all the rest of us so that she was very anxious to have me get more this year."

"I have flowers of Giant Dahlia Flowered Zinnias from 4 to 6 inches in diam-

eter and the plants are 4 feet high. Everybody passing by stops to admire them; Oriole and Meteor seemed to be the favorite, and I don't hesitate to tell them where I got the seeds from."

F. MARTINS, New Orleans, La.

Centaurea, White-Leaved (Dusty Miller)

Extensively used for ribbon beds, edgings, etc.; the foliage is silver-gray.

1832 Candidissima. Compact plants, silvery leaves; 1 foot. Per 500 seeds, 75c.; Pkt. 10c.

1834 Gymnocarpa. Graceful arching silver-gray leaves; 1½ feet. (See illustration.) Per 500 seeds, 50c.; Pkt. 10c.

Cerastium Perennial (Snow in Summer)

1858 Tomentosum. A procumbent hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant. Pkt. 15c.

Chrysanthemum, Single Hardy Perennial Shasta Daisy

1896 This great white California Shasta Daisy—a creation of Mr. Luther Burbank's—produces, when well-grown, magnificent pure white flowers 4 inches or more across, on stems 1½ to 2 feet in length. The plants, 2 to 2½ feet in height, are hardy perennials and flowers in profusion. Pkt. 25c.

Cheiranthus Allioni or Perennial Siberian Wallflower

1860 A fine variety of hardy perennial Wallflower having bright orange-colored flowers, with dark green foliage; a splendid plant for rock gardens. (See illustration.) Pkt. 25c



Chrysanthemum, Annual

These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flowers most abundantly during the summer; very showy garden annuals and fine for cutting as the stems are stiff and long and they keep fresh for a long time in water. (See illustration.)

Double-Flowering Varieties

- 1862 Golden Queen.** Double golden. Pkt. 10c.
- 1864 Inodorum Snowball.** A great advance in this useful type; large, densely double flowers of purest white, borne freely; fern-like foliage; fine-cut flower. Pkt. 10c.
- 1866 White Pearl.** Double white flowers. Pkt. 10c.
- 1870 Mixed Double Annual Varieties.** Pkt. 10c.
- 1880 Lorenz's Double Fringed, Mixed.** Pkt. 10c.

Single-Flowering Varieties

- 1882 Evening Star.** Sheeted with large, single, golden-yellow flowers. Pkt. 10c.
- 1884 Morning Star.** Large, cream-yellow flowers, profuse. Pkt. 10c.
- 1886 North Star.** Single giant flowers of white, with a soft yellow zone contrasting effectively against the bold black disk. Pkt. 10c.
- 1890 Mixed Single Annual Varieties.** Pkt. 10c.

Chrysanthemum Nivellii

1888 This new annual Marguerite Chrysanthemum Nivellii produces shrubby plants about 2½ feet high covered with pure yellow flowers, each 3 to 4 inches in diameter. If sown in the open during April and May it produces a large number of long stalked flowers highly adapted for cutting in July and August. By sowing later the flowering period can be deferred or extended as you desire. Pkt. 25c.

"I am the third generation of my family using Henderson's seeds and plants, and have never known any generation to be dissatisfied. The best proof is my enclosed order." W. Scott Kooser, Hollis, L. I.

Cineraria Hybrida Henderson's Large-Flowering

Magnificent and indispensable flowering plants for spring decoration in the conservatory or window garden. The flowers measure 2 to 3 inches across, and cover the plant with a sheet of bloom. Colors: White, blue, violet and crimson shades; usually two or more colors are shown in one flower.

- 1920 **Large-flowering. Choicest Mixed** Pkt. 50c.
 1926 **Matador**. A large flower of brilliant scarlet red. Pkt. 50c.
 1930 **Miniature Hybrids**. (*Cineraria Hybrida Nana*.) A pretty, tiny race. The plants rarely exceed 8 inches in height. The flowers are small, but many in number and gay in color making large heads particularly charming. Pkt. 50c.
 1935 **Star**. (*Cineraria Stellata Hybrids, Improved*.) Tall pyramidal plants, bearing quantities of medium-sized star-like flowers in immense umbels; an exceedingly decorative pot plant. Colors: White, rose, red, carmine and blue. Offered in mixed colors. (See illustration.) Pkt. 50c.

Clarkia Elegans or Rocky Mountain Garland Flower

The Clarkia is one of the most graceful plants grown. It produces a mass of slender upright branches that reach a height of about two feet; the foliage is bronzy-green. Each branch is covered for almost its entire length with buds and flowers. The buds, which are long and gracefully poised, resemble those of the Fuchsia. The flowers are double, and their daintiness of form and delicacy of color remind one of a garland of almond blossoms.

As a cut flower for table decorations, few flowers are more satisfactory. If the sprays are cut before all the buds have opened, they will last for a long time, or until all the buds have developed into bloom.

Being a hardy annual, the Clarkia is easily grown. It will do well in any light garden soil, either in the open or in a partially shaded place. (See illustration.)

- 1942 **Chamois Queen**. Rosy-chamois double flowers Pkt. 15c.
 1944 **Queen Mary**. Lovely, rose-carmine flowers; very double Pkt. 15c.
 1946 **Scarlet Queen**. Double rose-orange flowers developing to intense orange-scarlet. Pkt. 15c.
 1947 **Purple King**. Rich ruby-purple; double flowers Pkt. 15c.
 1948 **Vesuvius**. Double flowers of intense orange-rose Pkt. 15c.
 1949 **White Queen**. Beautiful pure white; flowers very double Pkt. 15c.
 1950 **Double. Mixed**. Including many sorts Pkt. 15c.

1951 **Special Offer**. One packet each of the six named varieties 75c.

Clematis

- 1957 **Paniculata**. One of the finest hardy perennial climbers. Of robust habit, and covered from the ground to the summit with pure white fragrant flowers. The flowers are followed by pretty seed pods of bronzy-red; 12 feet Pkt. 10c.

Cleome ("Spider Flower")

- 1965 **Gigantea Rosea**. Cleome, or giant spider plant as it is sometimes called, has been neglected for years; probably because attention has not been directed to it by seedmen.

The feathery petals and long stamens give the flowers the appearance of an Orchid. Sow seed in May and when the seedlings are three or four inches high, thin out to stand two feet apart. The plants grow very rapidly and attain a height of from three to five feet. (See illustration.) Pkt. 10c.

Cobaea Scandens or Cathedral Bells

Elegant, rapid-growing climbers, attaining a height of 20 to 30 feet. Particularly desirable for covering arbors, walls, etc. Can be grown in the conservatory in winter.

Flowers large and bell-shaped.

- 1967 **Blue** Pkt. 10c.
 1968 **White** Pkt. 10c.

Coleus

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning, they are indispensable, and also valuable for pot culture. Although tender perennials, they attain perfection from seed the first season; 1 to 3 feet.

- 1970 **Choice Mixed** Pkt. 15c.
 1972 **Large-leaved Fringed Mixture** Pkt. 25c.

Convolvulus or Morning Glory**1984 Convolvulus Minor or "Bush"**

Morning Glory. These dwarf-growing Morning Glories are very desirable for beds or borders, as they form plants 1 1/2 to 2 feet in diameter, and about 1 foot high. The flowers are borne in great profusion and resemble very closely those of the tall morning glories but they remain open for a much longer period of time daily. In fact, it may be said without exaggeration that they remain open practically all day, excepting in rainy weather. The mixture we offer includes "many self colors," as well as striped and flaked varieties. **Mixed Colors**. Oz., 30c.; Pkt. 10c.

1990 Convolvulus Major Climbing Morning Glory

These beautiful annual climbers are of easy culture and produce freely all summer long large funnel-formed flowers of lovely combination of coloring. Seed may be sown in the open ground. Height, 15 to 20 feet.

Mixed Colors Oz., 25c.; Pkt. 10c.



Grow Cosmos and Coreopsis, Twin Glories of the Autumn 109

Coreopsis

These long-lasting flowers are simply perfect, measuring 3 inches and over in diameter, and are borne on stalks 15 to 18 inches in length.

1992 El Dorado. Color, brilliant golden-yellow. This variety, although a hardy perennial, will flower the same season from seed sown early; compact, bushy plants, about 2 feet high, blooming abundantly during the summer and fall. . . Pkt. 10c.

1994 Harvest Moon. One of the finest hardy garden plants grown. It flowers the first season from seed sown early. Harvest Moon is an improved variety of the *lanceolata grandiflora* type, producing immense, long stemmed rich yellow flowers, shaded with orange, and flowering in profusion during the summer; unequalled for cutting; grows anywhere. (See illustration.) Per 500 seeds, 50c.; Pkt. 10c.

New Double Coreopsis

Coreopsis Grandiflora Flore Pleno

1993 This semi-double form of this hardy perennial is proving to be very popular and valuable for cutting and for the hardy border; color bright yellow. (See illustration.) . . . Pkt. 25c.

Coreopsis "Mayfield Giant"

1995 This very fine perennial, of Australian origin, is a considerable advance on any strain yet introduced of this highly ornamental and very useful flower. It produces a taller and more vigorous plant than the type, with longer and firmer stems and larger individual blooms, of which the ray petals are broader and form a more perfect flower. The color is intense yellow. Both for the border and for cutting we can strongly recommend this excellent new strain. . . . Pkt. 25c.

Cosmos, Midsummer, Large Early Flowering

This early-flowering strain begins blooming scatteringly in June, the quantity increasing gradually until July, and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; the plants are more dwarf than the late-flowering Cosmos, forming compact bushes only 4 feet high. Annual.

2002 Crimson Per 500 seeds, 50c.; Pkt. 10c.
2006 Rose Per 500 seeds, 50c.; Pkt. 10c.
2008 White Per 500 seeds, 50c.; Pkt. 10c.
2010 Mixed Per 500 seeds, 50c.; Pkt. 10c.

Cosmos, New Crested

The New Annual Crested Cosmos is a distinct type, having double centers, with a row of guard petals around the base. It is a highly decorative garden and cut flower.

2011 Crested Crimson King. Rich brilliant crimson. Pkt. 15c.
2012 Crested Pink Beauty. A soft and pleasing shade of pink. Pkt. 15c.
2013 Crested White Queen. Pure glistening white. Pkt. 15c.
2015 Crested Mixed Colors. Pkt. 15c.

Cosmos, New Early Flowering Double Crested

The effect is most charming, reminding one of a small Japanese Peony of rare grace and beauty. One of the most desirable characteristics of this new Cosmos is its early flowering habit, blooming from July to frost. As this is a development from the single Cosmos, some of the plants may produce single flowers, but our trials have proven that about 75 per cent will bloom true to type.

2019 New Early Summer Flowering, Double Crested, Mixed Pkt. 25c.

Cosmos, Giant

The plants, 5 to 6 feet high, are of symmetrical, pyramidal form.

2020 Giant-flowering. Mixed colors. Per 500 seeds, 50c.; Pkt. 10c.
2022 Giant Crimson Per 500 seeds, 50c.; Pkt. 10c.
2026 Lady Lenox, Pink. Lovely shell-pink, lighting up well at night. Per 500 seeds, 50c.; Pkt. 10c.
2028 Lady Lenox, White. A fine pure-white selection from the above. (See illustration.) Per 500 seeds, 50c.; Pkt. 10c.

Cowslip (*Primula Officinalis*)

2030 This beautiful spring-flowering dwarf hardy perennial bears clusters of fragrant flowers of various colors; 6 inches high. Pkt. 15c.

Cyclamen, Giant Persian

Beautiful tender perennial plants for greenhouse or conservatory culture. The flowers are of great beauty and the foliage is very ornamental.

The seed is generally sown in April or September and it takes from fifteen to eighteen months from time of seed sowing to time of flowering.

2034 Butterfly, Papilio or Victoria. Very large flowers with fringed and fluted petals, the edges being colored differently, as white with red or purple edge, red with scarlet edge, crimson with garnet or violet edge, etc. Pkt. 50c.

2039 "Mrs. Buckstone." Flowers average 2½ inches and, if well grown, 3 inches across. The petals are beautifully crimped, the coloring is a lovely tint of salmon. Pkt. 50c.

2042 Pink Pearl. A new giant-flowering variety, the most prolific bloomer of all. Color an exquisite shade of soft salmon. Especially beautiful under artificial light. Pkt. 50c.

2043 Salmon King. Immense, perfectly formed flowers of a beautiful clear pink with a lustre of salmon. Very free bloomer. Pkt. 50c.

2044 Vulcan. A grand giant-flowering variety of deepest blood-red. Pkt. 50c.

2045 White Swan. A pure snow-white giant-flowering variety, very profuse. The blossoms are borne on exceptionally long, stiff stems. Pkt. 50c.

2050 Henderson's Giant Persian. A superior strain with flowers of largest size and perfect form, displayed well above the handsome foliage; the colors include rose-crimson, pink, white, dark blood red, spotted eyed, etc. **Mixed Colors** Pkt. 25c.



Sturdier plants, larger flowers, and a greater profusion of bloom are the results of the liberal use of Henderson's Garden Fertilizer.

110 Make a Permanent Planting of Henderson's Delphiniums

Burbank's Rainbow Corn

1996 A highly decorative type of Corn. It is an annual, grows about 5 feet high and suckers out, forming good-sized clumps. The foliage is striped with rose, purple, green and cream color, exceedingly effective in the mixed flower border. Per ½ oz. 50c.; Pkt. (25 seeds), 10c.

Cosmidium

1998 **Orange Crown.** Handsome annual, forming many-branched bushes 1 ½ to 2 feet in height. The flower heads are golden-yellow, with a circle of rich orange around the disc. It blooms throughout the summer. Pkt. 10c.

Chinese Forget-me-not (Cynoglossum amabile)

2051 A fine annual border plant growing 18 inches, producing sprays of bright blue flowers which bloom throughout the summer. Pkt. 15c.

Cardinal Climber or Scarlet Queen Cypress Vine

2052 This is one of the most beautiful climbing annuals. The fringed foliage of rich glossy green forms an effective background for the brilliant scarlet tubular flowers 1 to 1 ½ inches across. It grows rapidly to about 10 feet in height, free from insects, and is a beautiful vine for trellis, piazza or pergola, being literally bespangled with flowers from July until late fall. The seed is very hard-shelled and germinates quicker when started under glass, but if sown in the open ground the seed should first be soaked for a few hours in warm water. (See illustration.) Pkt. 15c.

Cypress Vine. Pretty vines, growing to a height of 10 to 15 feet with delicate fern-like foliage and dainty star-shaped flowers. Pkt. 10c.

2056 **Scarlet.**

2058 **White.**

2060 **Mixed Colors.**

Pkt. 10c.

Dahlias from Seeds

Beautiful Dahlias may be grown and flowered in late summer and autumn from spring-sown seed if the seed is sown indoors or in a hotbed in February or March and the young plants transplanted to the open ground after danger from frost.

2065 **Cactus-flowered, Double, Mixed Colors.** Saved from choicest Cactus-flowered varieties. Pkt. 25c.

2070 **Dahlia Coltness Hybrids.** Very distinct plants 18 inches high, covered with charming single flowers including pink, red, yellow, purple, mauve, white, and combinations. (See illustration.) **Mixed Colors.** Pkt. 25c.

2072 **Collarette, Mixed Colors.** Flowers of various colors, adorned with a collar of small petals around the center, novel and beautiful. Pkt. 25c.

2074 **Colossal.** A French race producing vari-colored flowers that attains the extraordinary dimensions of 8 inches in diameter. They are composed of three or more whorls of wide overlapping petals. Pkt. 25c.

2075 **New Double Giant-flowering Decorative.** This grand new race produces flowers often 7 to 8 inches in diameter, very double and in form intermediate between the formal show Dahlias and the narrow curled-petaled Cactus Dahlia. Pkt. 25c.

2080 **Single Giant Perfection, Mixed.** Immense single flowers of various colors, including many beautifully striped and spotted sorts. Pkt. 25c.



Henderson's Superb Delphiniums or Hardy Perennial Larkspur

These varieties are very charming and beautiful, and quite indispensable in the hardy border. The immense flower-stalks are garnished to the tip with large blossoms, showing wonderful combinations of color, and they all flower about the same time. (See illustration.)

2084 **Delphinium Sinensis, Blue Butterfly.** A beautiful blue variety of compact growth. This is a perennial but blooms the first year it seed is sown early. Height 18 inches. Pkt. 15c.

2085 **Hybridum Belladonna Fanny Stormonth.** A greatly improved variety of the "Belladonna" Larkspur; it retains the early and continuous blooming habit and the light, azure blue color, but the flowers are much larger, of better substance, and the stems are from 5 to 7 feet high; the upper 2 to 3 feet form a huge branching raceme of fine, well-placed flowers. Pkt. 25c.

2087 **Formosum.** This popular variety produces long, spur-shaped flowers, on loose spikes about a foot long. The color is deep blue with a white center. The branching plants grow from 2 to 3 feet high. Excellent for the perennial border and for naturalizing. Extremely fine for cutting. Will thrive in any good garden soil and do well in partial shade. Pkt. 15c.

2088 **Lemon Gem (Delphinium nudicale).** A very hardy dwarf-growing type of the perennial larkspur originally discovered in Northern California. The plant grows from 1 to 1 ½ feet high, and its numerous branches are surmounted with spikes of clear yellow flowers. This is by far the best yellow Delphinium ever introduced. Pkt. 35c.

2090 **Giant and Double Superb Hybrids.** A splendid race of these popular hardy, garden plants. The blossoms are of immense size, single, semi-double and double, dressing the graceful, towering spikes from 2 to 5 feet of their length. The colors range from white and lavender, through every shade of blue from azure to indigo and purple, several shades being blended in some of the varieties. The plants grow from 6 to 10 feet in height and are very desirable and valuable in the garden during the spring and early summer. These improved hybrids should be planted in groups dotted here and there at intervals in the herbaceous border. Pkt. 25c.

Mixed colors. Per 1,000 seeds, \$1.00; Pkt. 25c.

2100 **Single, Fine Mixed Colors.** Per 1,000 seeds, 50c.; Pkt. 10c.

2102 **Wrexham Hybrids.** These are the greatest advance in Delphiniums. Their graceful spire shaped spikes of enormous size and beauty of form are rapidly bringing them to the front as the most popular flower for cutting or the garden. The mixture contains all the colors in Delphiniums, including both double and single flowers that have been greatly praised by professional Delphinium growers. Pkt. 50c.





Dianthus or "China Pinks"

Double-Flowering Annual Varieties

- 2110 Crown of Perfection.** Most beautiful and satisfactory summer-flowering annual. The plants are bushy, of symmetrical form: 1 foot high. The flowers average 2 inches across; are densely double and produced during the whole summer and autumn in such numbers as to fairly crowd each other for room. There is a wonderful diversity of colors, from purest white to red shades, deep and intensely brilliant soft pinks and flesh tints, mingling in exquisite contrast. (See illustration.) **Double Mixed Colors** Per 1,000 seeds, 75c.; Pkt. 15c.
- 2114 Fireball.** Large, double, brilliant red Pkt. 10c.
- 2118 Double Striped and Fringed. Mixed.** (*Laciniatus*, fl. pl.) Large, double-fringed flowers of various colors and markings Pkt. 10c.
- 2122 Salmon Queen.** Beautiful rosy-salmon, fine, large, double Pkt. 10c.
- 2124 Snowdrift.** Very large and double, white Pkt. 10c.

- 2131 Imported Collection of Double Annual Dianthus:** 6 varieties 50c.
- 2132 Imported Collection of Double Annual Dianthus:** 12 varieties \$1.00

Single Flowering Annual Varieties

- 2134 Giant "Ruffled and Frilled."** A superior strain of the Single Heddewigii Annual or China Pinks. The flowers are 3 to 4 inches across. The petals are ruffled, frilled and fringed, lending grace and beauty to the gorgeous blossoms which range from dark blood-red to glowing crimson, carmine-rose, salmon-pink, and white; some of the flowers are mottled and blended with two or more shades. The plants are about 1 foot high, and flower abundantly through summer and fall. For garden decoration and for cut flowers they are of unapproachable beauty. Per 1,000 seeds, 75c.; Pkt. 15c.

Dianthus Allwoodii Alpinus

This variety is a cross between the famous Allwoodii Pinks and the Dianthus Alpinus and it possesses the charming range of colors of the former and the hardness of the latter. The colors, run through all the shades of pink, red and purple, also white. Most of the flowers are single, although occasionally semi-double. The plants grow six inches high and are attractive even when not in bloom on account of their graceful silvery foliage.

- 2139 Dianthus Allwoodii Alpinus. Mixed Colors.** Pkt. 50c.

Dianthus Hardy Grass or Spice Pinks

(Double-Flowering Perennial Varieties)

- 2145 Dwarf, Large, Double-flowering Grass or Spice Pinks.** (*Dianthus Plumarius nanus*, fl. pl.) These are great improvements over the old-fashioned sorts. The flowers are large and have a variety of colors and markings; the color, of course, refers to the center of the flower, the remainder being white or blush with a band of color near the margin, the colors include blood-red, rose, maroon, purple, pink, bluish, spotted, laced, variegated, etc., beautifully fringed and they emit a clove-like perfume. They are excellent perennial garden plants about 1 foot high, vigorous, hardy, and flower profusely during spring and early summer. **Mixed Colors.** Pkt. 25c.

- 2150 Plumarius, Double Mixed.** The favorite old Pheasant's Eye or Grass Pinks; 1 foot. Per 1,000 seeds, 75c.; Pkt. 15c.

Didiscus Coeruleus

Annual Blue Lace Flower

2155 Blue Lace Flower is extensively grown by cut flower growers in the vicinity of New York to supply the fashionable Fifth Avenue trade. The Blue Lace Flower was introduced into the United States from Australia and is a welcome addition to our garden annuals. The plants grow about 2 feet high, producing graceful subdivided foliage. The lovely, umbel-shaped flowers, which are composed of a great number of small florets, range from 2 to 3 inches across. The color is the most beautiful imaginable, a clear coerulean or heavenly blue—a rare and beautiful shade. It is of easiest culture. Seed sown outdoors after danger from frost will produce plants which should bloom continuously from July to October. It may be grown in the green house or conservatory for winter blooming. It is also desirable as a pot plant. Pkt. 25c.

Digitalis or Foxglove

(Gloxinia-Flowered)

These improved Foxgloves are very showy, hardy perennial plants; they are easy to grow and produce freely spikes 4 to 5 feet high, well furnished with large, Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple, maroon, etc. While hardy perennials, they require protection during the winter months. (See illustration.)

- 2162 Purple, spotted** Pkt. 10c.

- 2163 Rose, spotted** Pkt. 10c.

- 2164 White, spotted** Pkt. 10c.

- 2166 Grandiflora, Yellow.**

Charming flowers of soft chrome-yellow Pkt. 10c.

- 2170 Mixed Colors.** (Gloxinoides)

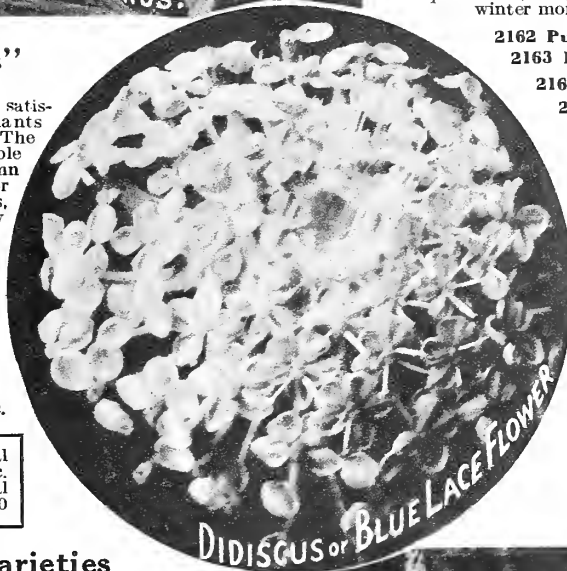
Per 1,000 seeds, 35c.; Pkt. 10c.

- 2180 Monstrosa.** A very unique and beautiful type, producing long spikes of large flowers of various colors, many of which are beautifully spotted, etc., but the striking feature of this strain is the enormous bell shaped blossom that tops each spike of flowers.

Mixed Colors

Per 1,000 seeds, 50c.; Pkt. 15c.

See pages 92, 93, 94 for 1931 Flowers



Plant this year a Henderson "Garden Beautiful"



Eschscholtzia or Annual California Poppy

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. From spring-sown seed they flower profusely until late in the autumn, making them invaluable for bedding. The plants are dwarf-branching habit, about 1 foot high.

- 2214 Crimson King.** The best of the red-flowering varieties. Bright crimson, interior satiny carmine. Pkt. 10c.
2216 Dainty Queen. Flowers creamy bluish tinted coral-pink, deepening in shade toward the edges. Pkt. 10c.
2220 Californica, Double Mixed. White, yellow and orange. Pkt. 10c.
2222 Golden West. Flowers of immense size. The colors are intense and shining yellows, some with orange blotches.

Per 1,000 seeds, 25c.; Pkt. 10c.

- 2224 Erecta Compacta Mandarin.** The plants, of upright compact, bushy form, produce freely large flowers of rich, deep, orange color, shaded crimson. Pkt. 10c.
2226 Mikado. Large flowers of lustrous orange-crimson. Pkt. 10c.

- 2228 Toreador Double.** This beautiful plant will delight everybody with its delicate grayish-green foliage and large double flowers. The center of the flower is golden bronze, and the reverse orange crimson. The plants grow about 1 foot high. (See illustration.) Pkt. 35c.
2230 Californica, Single, Mixed. Orange, white, yellow, etc. Per 1,000 seeds, 25c.; Pkt. 10c.
2232 New Hybrid. The plant of this new type is very erect and bears extra large flowers of tints and shades never before seen in Eschscholtzias. They include soft pink, scarlet, chrome yellow, copper red, shades of claret, and royal purple, and extra rich shades of crimson, pink and orange scarlet. Mixed colors. Per 1,000 seeds, 50c.; Pkt. 15c.

Gaillardia (Perennial)

Giant Hardy Hybrid Blanket Flower

These are hardy perennials, compact in growth, and produce a succession of flowers summer and fall. As cut flowers they last in water for days. The flowers are often 4 to 5 inches across, colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery crimson, and many others.

- 2250 Giant Hardy Hybrid, Mixed Colors.** Per 500 seeds, 50c.; Pkt. 10c.
2252 Grandiflora Portola Hybrids. This superb new strain of hardy Gaillardia bears flowers of very large size, the color ranging through shades of bronze red with the characteristic golden tipped petalage; plant of robust vigor. A splendid cut flower, also fine for perennial borders. Pkt. 25c.
2253 Bremen. This is the Gaillardia glorified. All coarseness and stiffness has been bred out. The flowers are deep rich red produced on strong stems about 18 inches high. Fine for cutting. Pkt. 50c.

Gaillardia (Annual)

Very showy garden annuals, 1 to 2 feet high. Grown in masses they are especially effective; large flowers, 2 to 3 inches across produced from early summer until frost, unrivaled for cutting. (See illustration.)

- 2255 Lorenziana, or Double-flowering.** Large round heads composed of numerous fibrets of crimson garnet, lemon orange, etc. Pkt. 10c.
2257 Picta Lorenziana Isabellina. This new double Gaillardia is recommended for planting in beds and borders. The Isabell-color (yellow-pink) is still rare among flowers and makes a good effect wherever shown. Pkt. 25c.
2260 Mixed Single Varieties Per 500 seeds, 25c.; Pkt. 10c.

Henderson's Invincible Asters, the superior of all Asters for size, form, color and beauty, command the highest prices on all cut flower markets. See pages 88 and 89.

Dimorphotheca Annual African Daisy

2185 Golden African (*D. Aurantiaca*.) An extremely showy annual of neat branching habit; grows about 12 inches high, flowering during the summer in continuous profusion. The single, Daisy-like blossoms, 2 1/2 inches in diameter, are brilliant orange, with a dark-colored disk, zoned black; well adapted for groups or borders; it stands the heat finely and produces its pretty flowers very early in sunny situations and will continue to flower during the summer. (See illustration.)

Per 500 seeds, 35c.; Pkt. 10c.

2186 Hybrid African Daisies. In growth and flower these new hybrids are like the parent, but they vary in color from white to red and tints of sulphur lemon and golden-yellow, orange, reddish-yellow salmon shades; many are marked with different colored zones.

Per 500 seeds, 40c.; Pkt. 10c.

2187 White Beauty. A very attractive and easily-grown annual of compact habit, growing about 8 or 10 inches. The flowers are more refined than in most of the Daisy class, and being of a pure glistening white with blue zone are very attractive. The plant is also very free-flowering and we consider it deserves a place in every garden. Pkt. 25c.

Dolichos or Hyacinth Bean

Annual climbers, of rapid growth, 10 feet high, with Wistaria-like clusters of flowers, followed by bronzy-purple seed pods.

2192 Japanese Giant Crimson. Bush, deepening with age to dark red. Pkt. 10c.

2193 Japanese Giant White. Long spikes of clear white flowers. Pkt. 10c.

Eschscholtzia Bush

2212 A sturdy annual. Grows into a bush 2 feet high. Large cup-shaped flowers, 3 inches across, on long stems; the color is bright yellow, petals broad and crinkled, like crushed satin. The cut flowers keep a long time in water.

Per 1,000 seeds, 30c.; Pkt. 10c.

Euphorbia Marginata "Snow-on-the-Mountain"

2235 This native annual is popular as a garden plant on account of its ease of culture in the poorest soil—if in a sunny location. It is of branching growth, about 2 feet high. The foliage of light green being broadly margined with silvery white, gives the effect in miniature of "Snow-on-the-Mountain." Pkt. 10c.





Gerbera (Transvaal Daisy) Perennial

A beautiful race of flowering plants brought into prominence recently with the introduction of an improved large-flowering scarlet type and the new various-colored hybrids. They are half hardy perennials, usually grown as greenhouse or window plants where they flower continuously. The Daisy-like blossoms, 3 to 4 inches across, being borne on 12 to 18-inch stems, are unsurpassed as cut flowers, being of splendid lasting substance. For garden culture in cold climates the plants are wintered over in cold frames like Pansies, etc., but they are usually grown as greenhouse plants. (See illustration.)

2265 Giant Scarlet. Flowers 3 to 4 inches across, on 2 to 3-foot stems; color intense scarlet. Pkt. 25c.

2270 Adnet's New Hybrids. A French strain that has created a furore in the European floral world. The colors are of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Sometimes the coloring of the disk differs from that of the rays. Pkt. 35c.

One packet of each of the above two Gerberas for 50c.

Geranium—Giant Flowering Hybrid

The flowers are of the most perfect form, borne in splendid trusses, forming balls 14 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, cream-veined pink, blush, snowy-white and all of the new auricle types. These stand the hot sun and, although perennials, they will flower the same season, if the seed is sown indoors early in the spring; 12 to 18 inches high. (See illustration.)

2285 Single Giant-flowering Hybrids, Mixed Colors Pkt. 25c

Geum (Perennial)

They are particularly valuable for the herbaceous border, because if the old stems are kept cut back they will remain in bloom over a much longer period than other hardy plants.

Geums are hardy perennials producing dwarf tufted plants from which rise graceful stems, two feet high, bearing beautiful double flowers which are borne freely throughout the entire summer. They are also valuable for cut flowers. (See illustration.)

2286 Lady Stratheden. Fine double yellow flowers Pkt. 25c.

2287 Orange Queen. The beautiful double orange flowers are borne freely throughout the entire summer. Excellent for cut flowers. Pkt. 35c.

2288 Mrs. Bradshaw. Beautiful double crimson scarlet flowers Pkt. 25c.



Godetia or Satin Flower (Annual)

Showy garden annuals. Godetias are of compact growth, about 1 foot high, bearing freely flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. Splendid either bedded or grown in pots.

2309 Charming. A welcome addition to the beautiful group of satin flowers. The color is a glowing deep satiny pink. It is an ideal bedding plant, and attains a height of about 18 inches. Pkt. 25c.

2313 Gorgeous. This is said by the originators to be the most free-flowering of all the Godetias. It grows about one foot high and the large satiny crimson

flowers possess a scintillating brilliancy. (See illustration.)

Pkt. 25c.

2312 Crimson Glow. Intense

dazzling crimson. Pkt. 10c.

2314 Marchioness of Salisbury. Of compact bushy

growth with exquisite rose-pink

flowers edged with white. Pkt. 10c.

2316 White Pearl. Large, glistening

pure-white flowers. Pkt. 10c.

2320 Finest Mixed Varieties Per 1,000 seeds, 25c.; Pkt. 10c.

2321 Imported Collection of Godetia, 6 varieties. 50c.



Globe Amaranth (Bachelor's Button)

Gomphrena Globosa

2290 Bushy plants, about 2 feet high. The flowers are useful for dried winter bouquets. If cut before they are fully ripe and allowed to dry in a dark, airy room, they will retain their color the whole winter season. **Mixed Colors** Per 500 seeds, 25c.; Pkt. 10c.

Gloxinia

2300 Charming tender perennial pot plants for conservatory or greenhouse culture. They flower in great profusion, having gorgeous colors, many of which are magnificently spotted and mottled; 1 foot. **Large-flowering. Mixed.** From a choice selection. Pkt. 50c

114 Flowers and Emerald Lawn, Perfect Setting for the Home



Helichrysum "Everlasting or Strawflower"

These improved double "varieties" produce much larger and more double flowers than the old varieties. They are showy garden annuals, of free growth, producing abundantly during the summer. However, they are chiefly prized for their availability for decorative purposes, during the winter months.

The dried flowers lend themselves admirably for table adornment in the home or in hotels, or for making up ornamental baskets. In fact they may be used for almost any floral decoration. When wanted for this purpose the flowers should be cut when about half open, remove foliage, tie in bunches, hang flower heads down in a warm dark place until dry. 2 to 3 feet high. (See illustration.)

2374 Atropurpurea. Purple.....	Pkt. 10c.
2376 Bronze. Golden Bronze.....	Pkt. 10c.
2382 Fireball. Scarlet.....	Pkt. 10c.
2383 Golden Ball. Rich yellow.....	Pkt. 10c.
2384 Rose Queen. Carmine-rose.....	Pkt. 10c.
2385 Salmon Queen. Salmon-pink.....	Pkt. 10c.
2386 Silver Ball. White.....	Pkt. 10c.
2388 Violet Queen. Violet.....	Pkt. 10c.
2390 Mixed Colors.....	Per 1,000 seeds, 25c.; Pkt. 10c.

2391 Collection of above 8 varieties, 1 pkt. each60c.

Gourds, Ornamental

Favorite annual climbers, of rapid growth immune from insect pests. 20 to 30 feet.

- 2332 **African Pipe Gourd.** This produces the Ornamental Gourds from which are made the African Calabash pipe.....Pkt. 10c.
- 2334 **Chinese Loofa.** (Dishrag Gourd.) The fibrous interior can be used as a sponge.....Pkt. 10c.
- 2335 **Dipper-shaped.**.....Pkt. 10c.
- 2337 **Hercules' Club.** Green fruit 2 to 5 feet long.....Pkt. 10c.
- 2338 **Julius "Knob Kerrie."** To the ball-like base, 4 inches in diameter, is attached stem, 2 feet long. Pkt. 10c.
- 2342 **Mock Orange.** Golden orange. Pkt. 10c.
- 2344 **Powder Horn.** Green fruit. Pkt. 10c.
- 2346 **Serpent.** (*Trichosanthes*.) Long red fruit.....Pkt. 10c.
- 2347 **Spoon.** Small, yellow with green. Pkt. 10c.
- 2348 **Turk's Turban.** Red, lower portion green, striped white.....Pkt. 10c.
- 2349 **Nest Egg.** White egg-like fruits.....Pkt. 10c.
- 2350 **Mixed Ornamental Varieties**.....Pkt. 10c.

2351 Imported Collection of 12 Ornamental Gourds75c.

Gypsophila, "Baby's Breath"

- 2362 **Double-flowering.** (*G. paniculata fl. pl.*) A new hardy perennial type bearing in profusion double white flowers which last long in perfection; 50 per cent may be expected to come double, the balance single.....Pkt. 25c.
- 2364 **Paniculata.** A favorite hardy perennial, the feathery foliage and white flowers are largely used in making bouquets. (See illustration.)...Pkt. 10c
- 2366 **"Paris Market."** A pretty garden annual, and of great value for bouquets, vases, etc. This improved large-flowering variety of *G. elegans* forms branching plants about 2 feet high, fairly smothered all summer long with graceful clusters of snow-white flowers half an inch across.....Per 1,000 seeds, 35c.; Pkt. 10c.
- 2368 **Elegans Carminea.** This is a rose-colored form of the annual "Baby's Breath" of which acres are grown on the outskirts of London and Paris for use with bouquets of other cut flowers. Sow at intervals during the season to put up a good supply. The bushy plants grow about 18 inches high.....Pkt. 10c.

Helenium

- 2371 **Bigelowii.** A dwarf type of this popular species of hardy perennial. The flowers which are about two inches in diameter are golden yellow. Plants grow two feet high. It is an abundant bloomer and a good cut flower...Pkt. 25c.
- 2372 **Riverton Gem.** One of the finest late summer flowering perennials, the entire plant which grows about three feet high is covered with the golden orange flowers.....Pkt. 25c.

Strawflowers

The following varieties are also used for the same purpose as Helichrysum (see full description, page 129.)

- 3563 **Rhodanthe Rose**.....Pkt. 10c.
- 3565 **White.**.....Pkt. 10c.
- 2290 **Globe Amaranth.** (For description, see page 113).....Pkt. 10c.
- 1020 **Acroclinium. Double Mixed.** (For description, see page 98).....Pkt. 10c.
- 1079 **Ammobium Alatum.** (For description, see page 99).....Pkt. 10c.
- 4760 **Ornamental Grasses.** Produce beautiful plumes for mixing with flowers when dried.....Pkt. 10c.

Hetiotrope—Giant-Flowering

The heads of bloom of this new type often measure six inches across. The plants, 18 inches high, are healthy, bushy and compact, the leaves are large and luxuriant. Seed sown in the spring produced full-grown, profuse-flowering plants by July, which flower in the garden until cut down by frost, or may be grown in pots for winter flowers. (See illustration.)

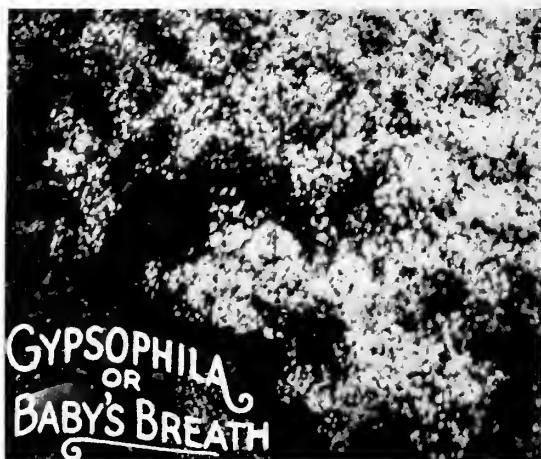
2396 **Lemoine's Giant Blue.** Deep blue. Pkt. 15c.

2398 **Lemoine's Giant White.** Pearly-white. Pkt. 15c.

2400 **Lemoine's Giant Hybrid, Mixed Colors.** Pkt. 15c.

Heuchera Sanguinea

2405 A beautiful hardy perennial growing about 18 inches tall, foliage dwarf and compact above which rises graceful flower spikes of coral red. A splendid plant for rock gardens and borders.....Pkt. 25c.



Hibiscus or Marsh Mallows

These are showy, hardy, perennial plants, forming bushes about 4 feet high, bearing immense howl-like flowers, often 6 inches across.

2408 Giant Yellow. Yellow, garnet throat..... Pkt. 10c.

Hollyhock, Hardy

Grand summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. They are old inhabitants of our gardens, but are now so improved in doubleness and enlarged in size, under our special culture and hybridization, as to be revelations of gorgeous beauty to those who have not seen these improved sorts. Hardy biennials—or short-lived perennials—5 to 8 feet high. The seed we offer has been saved from an unrivaled collection. (See illustration.)

2423 Double Canary-yellow. Pkt. 10c. **2429 Double Pink.**.....Pkt. 10c.

2424 Double Crimson......Pkt. 10c. **2432 Double Purple.**.....Pkt. 10c.

2426 Double Lavender......Pkt. 10c. **2435 Double White.**.....Pkt. 10c.

2427 Double Maroon......Pkt. 10c.

2440 Extra Choice Double Mixed. From named varieties. Per 500 seeds, 50c.; Pkt. 10c.

2455 Single Flowering, Mixed Colors......Per 500 seeds, 35c.; Pkt. 10c.

2460 Alleghany, Mixed Colors. Semi-double fringed flowers. Per 500 seeds, 50c.; Pkt. 10c.

2462 Imperator. A wonderful new type of this hardy garden favorite, having spikes which rise to a height of six to eight feet bearing flowers five inches across, with elegantly frilled and fringed outer petals, the center forming a double rosette two inches across. The colors are rose, cerise, salmon, cream and yellow. **Mixed Colors.**.....Pkt. 35c.

2464 Double Triumph. Hollyhock Triumph is of branching habit, all the stems being studded with prettily waved and fringed flowers which appear in a kaleidoscopic variety of color.....Pkt. 35c.

IMPORTED COLLECTIONS of Double Hardy Hollyhock Seeds.

2441 6 Separate Colors......50c.

2442 12 Separate Colors......\$1.00

EVER-BLOOMING

Henderson's Annual Hollyhocks

Every Garden May Now Be Glorified with Queenly Hollyhocks Grown as Easily and Flowering as Quickly From Seed as Any Garden Annual

The old favorite Hollyhock can seldom be flowered from seed before the second year, and as the young plants frequently winter-kill, it has limited the cultivation of Hollyhocks to those willing to give the young plants special winter care. All of this bother is obviated in growing our annual Hollyhocks, for they flower the first season from seed.

The plants from early-sown seed set out in May commence blooming in July and August, and then flower profusely until frost.

The diversity of forms and colors among the flowers affords many delightful surprises. Some plants produce densely double flowers without guards, others with guard petals; there are semi-doubles with Anemone-flowered centers, some with smooth-edged petals, others flounced, fringed, etc., and all flowers are usually very large, some measuring four inches across. In colors there is also great variety, some richly brilliant, others dainty and exquisite, then there are colors and tints in charming combinations. There are maroon, pink, chamois-rose, crimson, canary-yellow, cerise, white, scarlet, apricot, wine-red, etc., etc. (See illustration.)

2450 Henderson's Ever-Blooming Annual Hollyhocks. Grand Combination Mixture of doubles and semi-doubles, including all colors, shades and variegations.

Per Pkt. (about 50 seeds), 25c. Per 500 seeds, \$1.00.

"Honesty" (Lunaria Biennis)

2468 Hardy biennial thriving almost anywhere; especially useful in shady, damp places; the flowers of purple, crimson or white are followed by silvery transparent seed pods; prized for winter hoquets; height, 2 feet. **Mixed Colors**.....Pkt. 10c.

Humulus

(Japan Hop)

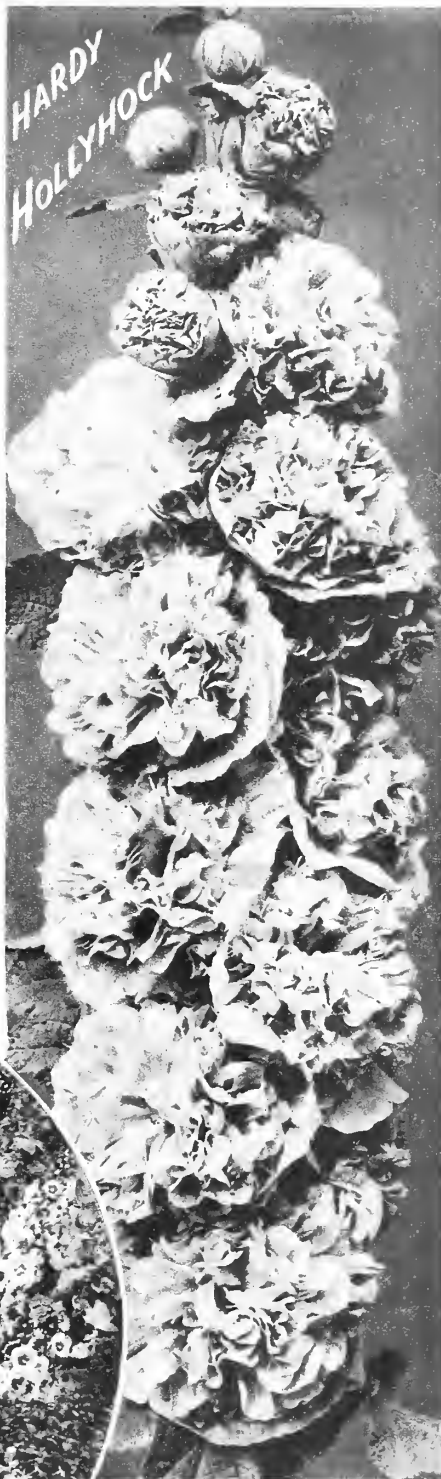
Rapid summer climber, attaining a height of 10 to 15 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making dense covering. It is one of the best plants for covering verandas, trellis, etc. Heat, drought and insects do not trouble it.

2472 Japonicus. Green foliage.....Pkt. 10c.

2474 Japonicus Variegatus.

Silver Striped Japan Hop.

A beautiful variety of the above. Green foliage blotched and striped white and gray.....Pkt. 10c.



If your home is located on a sunny plain, or nestled between shady trees on a hillside or even on the seashore, you may enjoy the pleasure of having a beautiful lawn in four to six weeks time by sowing one of the Henderson Lawn Grass Mixtures offered on pages 5 to 8.



The New Giant White Moonflower

2500 *Ipomoea Grandiflora Maxima*. This greatly improved variety of the popular Moonflower Vine produces much larger flowers and in greater profusion; if grown in a warm sunny location, and given sufficient water while making growth, the vine will attain a height of from 30 to 40 feet during the summer season. It will be covered with large bluish green heart-shaped leaves, and studded from July until frost with immense saucer shaped flowers, glistening like white satin. They are also subtly fragrant. The flowers open about sunset and close the next morning, though on cloudy days they remain open until noon. (See illustration.)
Per 100 seeds, 50c.; Pkt. 10c.



Giant Japanese Morning Glory

(*Ipomoea Imperialis*)

The robust vines attain a height of from 30 to 50 feet. The foliage is luxuriant, distinct and varied, mostly green, but many leaves are mottled light and dark green, white and gray.

But the surpassing charm of these "Giant Japanese Morning Glories" lies in the entrancing beauty and large size of the flowers; they measure from 3 to 4 inches across. The colors of the flowers, shadings and markings, are limitless. Some flowers are of deep, rich, velvety colors, others daintily tinted and shaded. There are reds from soft rose to crimson and garnet; daintiest blue to purple; snow-white to silver-gray, new terra-cotta and coffee-colored shades. Some flowers are striped, blotched and spotted; others have magnificent edges and throats. (See illustration.)

2515 Ruffled and Frilled. The perfection of Morning Glories. Immense flowers, often as big as saucers, all wavy, ruffled and fluted from throat to margin, like crumpled velvet. They are simply magnificent.

Mixed Colors Per oz., 50c.; Pkt. 10c.

Brazilian Morning Glory

2520 *Ipomoea Setosa* is the botanical name of this magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 6 to 8 inches across, making a dense shade. We know of nothing better for quickly covering a piazza, arbor or tree. The flowers are of beautiful rose color, and are borne in large clusters Per 100 seeds, 50c.; Pkt. 10c.

Impatiens Holstii Hybrids

(Sultan's Balsam)

2480 Handsome plants from East Africa, forming bushes 12 to 18 inches high. The flowers, 1 1/4 to 1 1/2 inches across, are of scarlet, orange-red, pink and white, with a red eye. The plants grow luxuriantly out of doors and make unusually showy flower-beds. If grown in pots they are equally effective. **Mixed Colors** Pkt. 25c.

Incarvillea Delavayi

2488 Beautiful half-hardy perennial garden plant with long, flexible branches. It forms large, fleshy roots the first year, which should remain in the ground the next season, and thereafter they throw up strong flower stalks 3 feet high, bearing large tubular flowers of rosy-carmine, spotted yellow; throat brown. Pkt. 25c.

New Incarvillea

(Variabilis Hybrids or Chinese Gloxinia)

2490 A very desirable plant of recent introduction growing to a height of two feet, having beautiful tubular shaped Begonia-like flowers of pink, salmon and yellow shades, a fine plant for heds and borders. Although a hardy perennial, it blooms the first season from spring-sown seed. Fine for greenhouse decoration or for borders. (See illustration.)

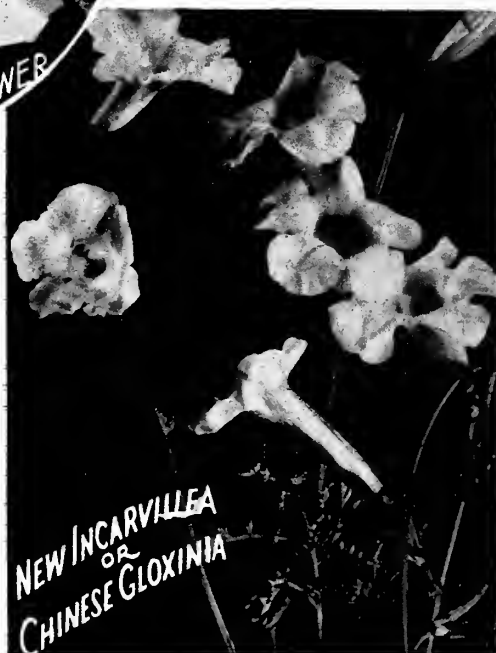
Mixed Colors Pkt. 25c.

Ipomoea "Baby Blue"

2496 This entrancingly beautiful climber came to us a few years ago—only a few seeds—from a customer in the middle west who wanted us to grow it and identify the variety. We do not know the variety name but we do know that it is the most lovely light blue Ipomoea we have ever seen. The vines grow luxuriantly about 15 feet high, well clothed with large durable leaves and commencing in July—from March-sown seeds—the plants sheathed until frost with white-throated light coerulean-blue flowers—about 2 1/2 inches across and of such substance that they often remain open all day Pkt. 15c.

Henderson's Famous Dahlias

Over one hundred of them—the cream of the world's introductions—are offered on pages 154 to 159.



Kochia Tricophylla (Annual)

Mexican Fire Plant or Summer Cypress

2542 A popular annual, sometimes known as Belvidere, Mock Cypress, etc. It is easily grown from seed, forming oval bushes 2 to 2½ feet high, densely clothed with small, feathery, light-green foliage, deepening in color as the summer advances until the whole plant assumes a fiery crimson hue. The small numerous flowers, borne in the fall, are also of a bright red color. An attractive plant at all times, either in garden beds or in pots, placed at intervals in beds of white Sweet Alyssum, or among "Dusty Millers," the effect is very fine. (See illustration.) Per 1,000 seeds, 25c.; Pkt. 10c.

Kenilworth Ivy (Perennial)

2532 Hardy little climber, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc.; 3 to 6 feet. Pkt. 10c.

Kudzu Vine (Perennial)

2548 A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season from established roots; hardy, though the vine dies down every winter in the North. Foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. Pkt. 10c.

Lantana (Perennial)

2560 Rapid-growing, constant-blooming, tender perennial plants for pot culture in the winter or garden decorations in the summer; clusters of flowers, orange, white, pink, etc.; 2 to 3 feet. **Mixed Colors.** Pkt. 10c.

Larkspur, Henderson's Annual Tall Branching

(Consolida Candelabra fl. pl.)

Popular garden annuals. This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. The spikes of flowers are of varied shades of red, blue, white, etc. They are of easy culture, thriving in almost any soil—but a sunny situation suits them best. They are of long-continued bloom, keeping up a bright display until cut down by frost.

2572 Carmine	Pkt. 10c.
2573 Dark Blue	Pkt. 10c.
2574 Light Blue	Pkt. 10c.
2577 Rose	Pkt. 10c.
2579 White	Pkt. 10c.
2580 Mixed Colors	Per 1,000 seeds, 25c.; Pkt. 10c.

For other varieties
see page 84

2581 Imported Collection of Branching Larkspur, 6 varieties. . . 50c.

Lathyrus Latifolius Hardy Everlasting

Peas (Perennial)

These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid for cutting. The flowers are without fragrance.

2607 Red	Pkt. 15c.
2608 White Pearl	Pkt. 15c.
2610 Mixed Colors	Pkt. 15c.

Lavatera "Sunset" Rosea Splendens (Annual)

2618 The Lavateras are exceedingly popular in Europe where they are generally known as Mallows. Lavatera "Sunset" is by far the most striking of its kind, bearing large bowl-shaped flowers of a charming rose-pink color. These richly colored flowers may be cut on stems 2 feet or more in length, which with their foliage make a beautiful decoration for large vases. The flowers are borne abundantly throughout the summer and fall; making Lavatera "Sunset" very desirable for beds on the lawn or as border decoration. The plants form branching compact bushes two to two and one-half feet in height; well furnished with bronzy-green foliage and stems which make a fine foil to the shining rose-pink flowers. Our friends should plant freely seeds of this beautiful flowering plant. Sufficient room should be allowed for the development of the plant; a space of two or three feet being not too much to allow where the soil is good. (See illustration.) Pkt. 15c.

Liatis Spicata (Perennial) (Gay Feather or Blazing Star)

2622 Highly desirable for the border. The plants grow over 3 feet high and produce long spikes of purple and rosy-purple flowers from July to September. This is a hardy perennial and the flowers are much in demand for cutting purposes. Pkt. 25c.

Linaria (Perennial)

2626 Macedonica Speciosa Perennial. This is easily grown from seed, and is undoubtedly the best yellow perennial that can be grown for general use. It is hardy and can be used where medium height is needed in rock garden work. The flowers resemble large golden snapdragons, borne on stems averaging three feet. The foliage is attractive and has a silvery medium sized leaf which extends up the stems at the joint where the flowers advance. Pkt. 25c.

2628 Marocana Hybrida Excelsior Mixed. Annual. This is a hardy annual with small dainty flowers resembling miniature snapdragons and in addition each flower has a long Columbine-like spur. It makes a nice cut flower and the colors range through crimson and gold, pink, mauve, dark blue, chamois and rose with many lighter shades. Height from 12 to 18 inches; blooms in about eight weeks from seed. Pkt. 25c.

Lobelia, Bedding Varieties

This charming class (*L. erinus Compacta*) forms compact bushes about 6 inches high which are fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration, as well as for pot culture. They flower the first season from seed.

2634 Crystal Palace Compacts. Deep blue.

(See illustration.)

2636 Snowball. Pure white. Per 1,000 seeds, 25c.; Pkt. 10c.

2640 Mixed Colors. Per 1,000 seeds, 25c.; Pkt. 10c.

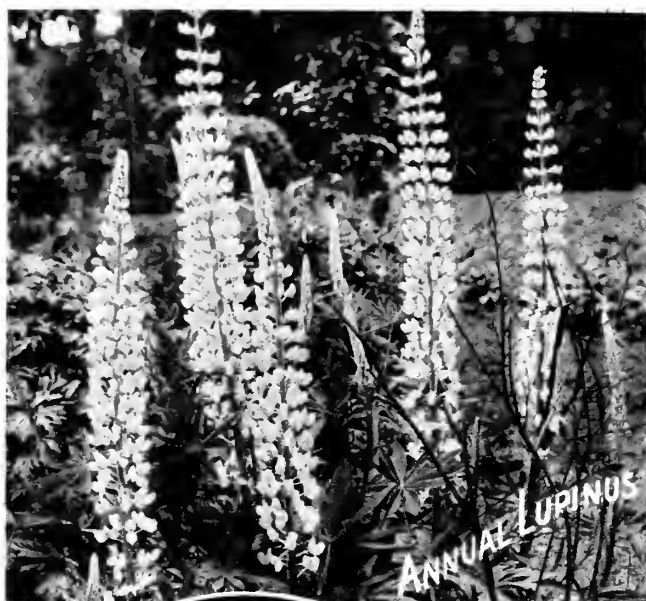
2642 Speciosa. Fine trailing sort for hanging baskets and boxes, flowers dark blue with dark foliage. Per 1,000 seeds, 50c.; Pkt. 10c.

2644 Tenuior Compacta Blue. This differs from the ordinary compacta type in that the flowers which are much larger than the other varieties are produced on stems nine or ten inches high. Pkt. 25c.

Lobelia, Hardy. Tall growing, hardy perennials with long spikes of brilliant flowers; for permanent beds and borders they are unrivalled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 feet.

2645 Cardinals. (Cardinal Flower.) Intense scarlet. Pkt. 25c.





Selected Annual Lupinus

Bushy Plants, Covered with Charmingly Colored Spikes of Pea-shaped Flowers

While the perennial varieties of Lupinus are desirable flowers for the herbaceous border, we think that the annual varieties offered below are the most useful on account of their rapidity of growth and free-flowering qualities. They are fine for mixed borders and for planting among shrubs or as beds on the lawn, making a grand display for a small outlay. As will be noted there are a number of charming colors in the selection and some of the varieties are delicately scented. Plants of Annual Lupinus attain a height of about 2 feet; are of robust branching habit; and throw out spikes covered with pea-shaped flowers for most of their length. If these are cut as they mature, the plants will continue to bloom for a long time.

The leaves of the plant, too, are quite ornamental, being divided like a palm leaf. They are from 4 to 7 inches in diameter, dark green and satiny, and form a very handsome bush. (See illustration.)

- 2660 **Annual Lupinus. Mixed** Pkt. 10c.
- 2661 **Blue.** Bright azure-blue; the prettiest of the selection. Pkt. 10c.
- 2662 **Lavender.** Graceful spikes of a delicate lavender color Pkt. 10c.
- 2664 **Pink.** Charming salmon-pink tinted flowers..... Pkt. 10c.
- 2665 **Purple.** Spikes of rich dark purple blue flowers..... Pkt. 10c.
- 2667 **White.** Pure White Flowers, otherwise similar to the above..... Pkt. 10c.

2669 Collection of 5 varieties of Annual Lupinus for 40c.

Lupinus Perennial New Hardy Hybrids

- 2670 Showy, hardy perennials, growing 3 to 4 feet in height and producing during summer long racemes of Pea-like flowers in a great variety of colors. The hardiest perennial plant in cultivation; it will thrive in the poorest soil where practically nothing else will succeed. The long graceful spikes are also valuable for cut flowers..... Pkt. 15c

Lychnis Lamp Flower

- 2675 **Chalcedonica.** The scarlet Lychnis, an old garden favorite, bearing heads of bright scarlet flowers; very hardy, 3 to 4 feet..... Pkt. 10c
- 2680 **Haageana (Hybrids, Mixed Colors).** Usually grown as annuals; of dwarf, bushy habit, bearing flowers an inch or more across in continuous succession until frost; colors are particularly pleasing—white to rich scarlet and shades of pink; 1 foot..... Pkt. 15c

Marigold, French Annual

- 2723 **Scotch Prize.** A selected French sort very double flowers, golden yellow striped maroon, red, height 1 foot..... Pkt. 25c
- 2725 **Double, Gilt Edge.** A large-flowering French Marigold of robust growth and large, perfectly double flowers, measuring from 3 to 4 inches across; color, velvety-maroon, edged with yellow..... Per 1,000 seeds, 35c.; Pkt. 10c.
- 2726 **Robert Beist.** A splendid French sort having flowers of a deep velvety maroon-red, height 1 foot, good for borders also as a pot plant..... Pkt. 25c.

2721 Imported Collection of French Marigolds.
6 varieties for 50c.

Marigold, Pride of the Garden Annual

These grand African Marigolds produce densely double flowers 8 to 10 inches in circumference and of the regularity and perfection of a Dahlia. A highly meritorious feature is the habit of the plants, which form dense bushes 2 to 3 feet high by 2 feet across. For effective garden display during the summer and autumn months nothing can surpass the gorgeous masses of color of these grand varieties. (See illustration.)

- 2727 **Canary-yellow**..... Pkt. 10c.
- 2728 **Golden-orange**..... Pkt. 10c.
- 2730 **Mixed Colors**..... Per 1,000 seeds, 25c.; Pkt. 10c.

Marigold African Annual

- 2707 **Orange Prince.** A fine selected strain having large double quilled flowers of a deep golden yellow. Height, 3 to 4 feet Pkt. 25c.
- 2710 **African Double, Mixed.** 2 to 3 feet high; large double flowers of yellow or orange. Per 1,000 seeds, 25c.; Pkt. 10c.
- 2715 **Guinea Gold.** This is a very distinct type of Marigold, of graceful pyramidal habit, growing 2 to 2 1/2 feet high, and producing 30 to 40 flowers, 2 to 2 1/2 inches across, of a brilliant shade of orange flushed with gold..... Pkt. 50c.

2711 Imported Collection of African Marigold.
6 varieties for 50c.



Marigold (Continued)

Tom Thumb Little Brownie (Annual)

This variety sometimes called "Legion of Honor" is a free flowering annual which forms compact little bushes only six to nine inches high completely covered with showy blossoms from the early part of June until frost.

The flowers are golden yellow in color, but marked with a large velvety crimson blotch at the base of each petal. For massing in beds, or for pot culture, this variety is unusually attractive and satisfactory.

A vase of these flowers combined with blue or purple varieties of Cornflower, Larkspur and Delphiniums is highly ornamental and decorative.

(See illustration.)..... Per 1,000 seeds 35c. Pkt. 10c.

Mallow (Annual)

2700 Dwarf, Large-flowering. These showy garden annuals grow about 2 feet in height and bear freely throughout the summer months large, saucer-shaped flowers of white, rose or crimson. **Mixed Colors**.....Pkt. 10c.

Marvel of Peru or Four o'Clock (Annual)

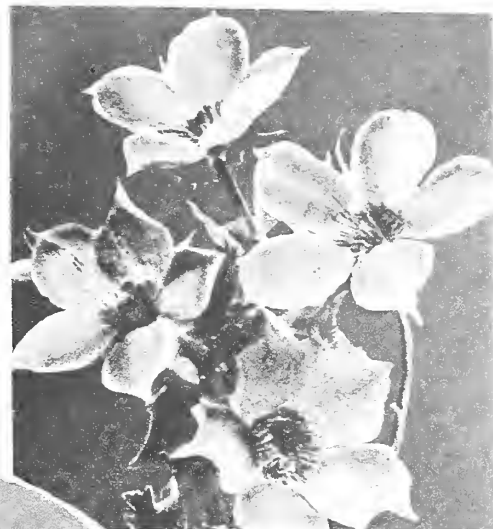
Beautiful summer-blooming annuals of bushy habit, 2 feet high, each plant bearing throughout the Summer hundreds of large flowers of white, yellow, crimson or striped. The flowers remain tightly closed until about four o'clock in the afternoon, when they all open together and the plants become a glowing mass of vivid colors. (See illustration.)

2750 Mixed Colors. Per oz., 25c.; Pkt. 10c.

Matricaria Annual (Double Feverfew)

2765 Snowball. This splendid variety of *M. alba plenissima* or "Double White Feverfew" forms bushy annual garden plants, bearing quantities of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting. Pkt. 10c.

2767 Tom Thumb Double Yellow. A dwarf border or edging annual making a compact bushy plant about nine inches high and covered throughout the summer with miniature golden balls. Pkt. 10c.



Blue Thibetan Poppy

(Annual)

Maurandias Giant-Flowering

2770 These are grand improvements over the older well-known climbers. The flowers are fully double the size, and the plants and foliage are correspondingly larger and more robust, attaining a height of 6 to 10 feet; the vines quickly hide trellis from view and are thickly studded with flowers nearly as large as Gloxinias. The plants from seed sown in spring will begin flowering by July and continue until frost. **Mixed Colors**.....Pkt. 25c.

Meconopsis

Paniculata (Perennial) (Golden Himalaya Poppy)

2777 A splendid plant growing 2½ to 3 feet high, with beautiful flowers of a bright clear yellow. Hardy perennial....Pkt. 50c.

Meconopsis Baileyii (Perennial)

(Blue Thibetan Poppy)

2775 This beautiful blue perennial poppy throws up from its root-stock half a dozen leafy stems, 2 to 3 feet high, well furnished with broad sea-green leaves and bearing freely at their heads large four-petalled blooms of a glorious sky-blue color, the effect of which is enhanced by a central zone of golden yellow anthers. This superb plant has been accorded by the Royal Horticultural Society a First Class Certificate and an Award of Merit. It is hardy, and should soon become one of the most popular plants in cultivation (See illustration.).....Pkt. 50c.

Culture of Meconopsis

The seed should be sown during the spring months in boxes and placed in a cool airy greenhouse and kept shaded until germinated.

The soil should consist of two parts loam, one part leaf mould, one part sand. After the seedlings are large enough, they should be picked out into boxes or frames where the frost can be kept away from them and at no time, must they be allowed to get extreme sunshine. They are best always grown in partial shade. The seedlings should be planted in a shady place. There should be plenty of rotted manure incorporated with the soil. When established they will stand any amount of frost.

Henderson's Special Mixed Annual Flower Seeds

4740 A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution. Price, oz. 25c.; ¼ lb. 75c.; lb. \$2.00, postpaid.



MARIGOLD
LITTLE BROWNIE



"MARVEL
of PERU"



Mignionette, Reseda Odorata

- 2782 Allen's Defiance.** A splendid variety for greenhouse culture, long spikes of flowers Per 1,000 seeds, 25c.; Pkt. 10c.
- 2784 Bird's Mammoth.** A most popular variety—producing long spikes and well filled with large fragrant flowers throughout the season. Per 1,000 seeds, 25c.; Pkt. 10c.
- 2786 Odorata Large-flowering.** The popular fragrant garden annual. Per oz., 25c.; Pkt. 10c.
- 2788 Machet Perfection.** This improved Machet Mignionette produces broad, cone shaped spikes of very fragrant red flowers on strong stems, dressed with vigorous foliage, evenly branched and of continuous-blooming habit; one of the best for either garden or pot culture. Per 1,000 seeds, 25c.; Pkt. 10c.
- 2791 Golden Goliath.** This novelty from England is of sterling merit. The flowers are a deep golden yellow in color with spikes of immense size, surpassing both in color and size any variety of Mignionette that has yet been introduced. Pkt. 25c.
- 2792 Red Goliath.** One of the finest, being of strong growth, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by 2 1/2 inches in diameter, and are compactly filled with giant florets, measuring 1/2 inch across and packed full with anthers, consequently this variety is correctly called a *double* Mignionette. The color of the florets—fire-red—is strengthened on account of the density of the florets and spikes, thus presenting almost a solid column of brilliant red effectively contrasted against the healthy rich green foliage. The fragrance is delightfully rich and powerful. For cutting it is perfection, remaining fresh for 8 to 10 days in water. (See illustration.) Per 1,000 seeds, 50c.; Pkt. 10c.
- 2794 White Goliath.** The double white-flowering counterpart of the splendid "Red Goliath" offered above Per 1,000 seeds, 50c.; Pkt. 10c.

Mimulus (Monkey Flower)

Showy little plants, with singularly shaped and brilliantly colored flowers. Tender perennial blooming the first year from spring sown seed. Excellent for baskets or vases. (See illustration.)

- 2820 Tigrinus.** Dwarf, husky plants, 1 foot high, with large Gloxinia-like flowers. Spotted and mottled. **Mixed Colors** Pkt. 15c.

Mina Lobata

- 2825** Splendid annual garden climber of luxuriant growth; 18 to 20 feet. Adapted for trellis, verandas, arbors, etc. The flowers, about an inch across, are borne in large clusters; color, blood-red, changing to orange. They flower profusely until killed by frost, and make a fine show Pkt. 15c.

Momordica (Balsam Apple)

- 2832 Balsamina.** Annual climber; 15 feet; bearing ornamental orange colored fruits with red interiors. Pkt. 10c.

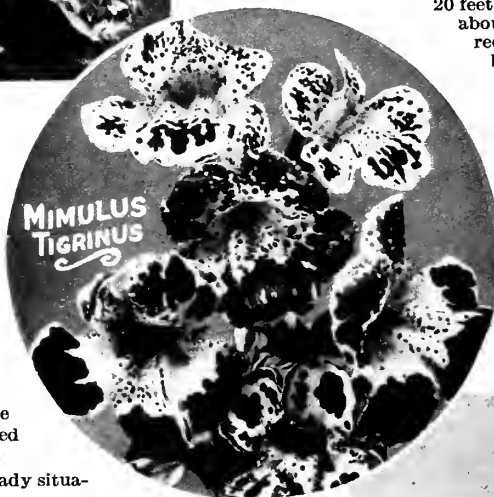
Musa Ensete (Abyssinian Banana)

- 2838** A sub-tropical foliage plant, very decorative in pots or tubs, or bedded out; 10 feet. Pkt. 25c.

Henderson's Special

Mixed Annual Flower Seeds

- 4740** A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution. Price. oz. 25c.; 1/4 lb. 75c.; 1 lb. \$2.00. postpaid.



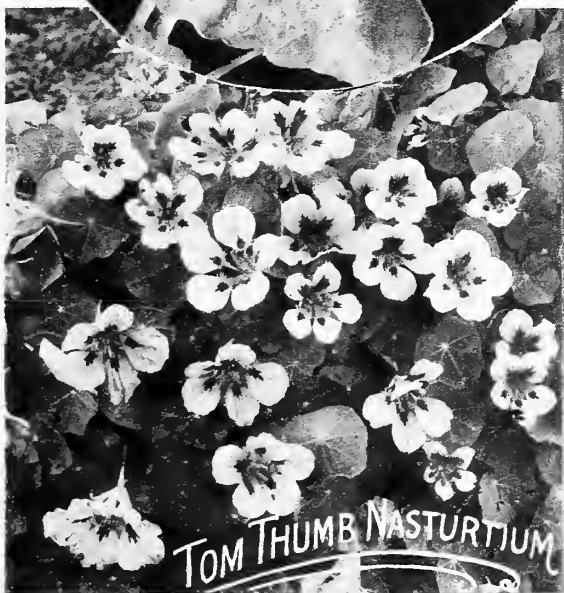
Myosotis or Forget-Me-Not

Popular perennials, flowering the first season from early spring-sown seed, or they may be sown in summer or early fall; and if bedded out and given protection like pansies they will winter over and commence flowering in early spring; particularly effective as an undergrowth for bulb beds. They are ranked among the best of our spring flowers and are wonderfully effective when grouped with Pansies and Daisies.

All varieties flourish in moist, shady situations. (See illustration.)

- 2851 Blue Bouquet.** This massive blooming Forget-Me-Not has the large clusters of bloom of the Robusta Grandiflora type but is of wonderfully compact habit with unusually large flowers of a rich deep blue. Pkt. 50c.
- 2852 "Blue Eyes."** A robust-growing variety of fine constitution, exceedingly free-flowering and bears its bright blue flowers well on the top. It is 12 inches high, upright and compact in growth, each plant making a bouquet of Forget-Me-Nots. Pkt. 25c.
- 2854 Palustris.** The popular, old-fashioned, hardy blue Forget-Me-Not Per 1,000 seeds, 50c.; Pkt. 10c.
- 2856 Ruth Fischer.** This splendid Forget-Me-Not is of compact habit with large clusters of pure Forget-Me-Not blue flowers. The plants of unusual hardiness, and are especially valuable for spring bedding effects. They also make fine pot plants, forcing easily. Pkt. 25c.
- 2857 Triumph.** A robust-growing large-flowering Forget-Me-Not. The individual flowers are large and are borne in clusters on long graceful stems. Color bright turquoise-blue with yellow eye. Per 1,000 seeds, 50c.; Pkt. 10c.
- 2858 Victoria Blue.** Grand Forget-Me-Nots, forming round compact bushes about 8 inches high covered with clusters of large flowers Per 1,000 seeds, 50c.; Pkt. 10c.
- 2860 Mixed Colors** Per 1,000 seeds, 50c.; Pkt. 10c.





Nasturtiums

Probably none of the long list of annual flowers require so little care and bring to the gardener such an abundant reward as the familiar Nasturtiums. They flourish in almost any kind of garden soil, even if only moderately good, provided it is drained and no water collects in pools on it, and the place receives the rays of the sun for at least part of the day.

These very modest requirements complied with, Nasturtiums of all varieties produce an endless succession of gorgeous blossoms from within a few weeks of the time seed was sown until a hard frost hits the garden on the near approach of winter.

The varieties we offer below were selected by us after a long series of trials at our seed-testing farm at Teaneck and Red Bank, N. J. Undoubtedly they constitute the best and most distinct sorts.

Tom Thumb Ornamental Leaved

2902 Ivy-leaved Dwarf or Bedding. Beautiful dark-green, Ivy-like foliage, composing an effective setting for the lovely flowers of various colors. Oz., 25c.; Pkt. 10c.

2906 Variegated-leaved Dwarf or Bedding. These are comparatively new varieties of Nasturtiums, but they are as vigorous in growth, and produce their beautiful flowers as freely as the plain-leaved sorts. The foliage is variegated in silver, green, yellow and cream; flowers of various beautiful colors. Oz., 25c.; Pkt. 10c.

Nasturtiums HENDERSON'S GIANT FLOWERING Climbing

A new section distinguished by flowers of a large size and a richness of variety of colorings not to be found in Nasturtiums heretofore grown.

For covering trellises, fences, arbors, piazzas, trailing over rock-work, etc., nothing can equal the gorgeous effect produced by their marvelous quantities of bloom, borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and luxuriant growth, 12 to 15 feet high, render them worthy of great popularity. (See illustration.)

2942 California. Enormous flowers of rich crimson-maroon, having a deeply fringed throat. Oz., 25c.; Pkt. 10c.

2943 Jupiter. Brilliant golden-yellow. Oz., 25c.; Pkt. 10c.

2944 Moonlight. Lovely creamy-white. Oz., 25c.; Pkt. 10c.

2945 Red Spurred. Large flowers of different colors, blotched, spotted, red edged, etc., and all having unique red spurs. Oz., 25c.; Pkt. 10c.

2946 Ruby-rose. Ruby-rose shading into lighter and darker tints. Oz., 25c.; Pkt. 10c.

2947 Salmon Queen. Rich glowing salmon color. Oz., 25c.; Pkt. 10c.

2948 Sunlight. Pure rich butter-yellow. Oz., 25c.; Pkt. 10c.

2949 Twilight. Chamois-yellow, shaded salmon-rose, and splashed scarlet. Oz., 25c.; Pkt. 10c.

2950 Giant-flowering Climbing Nasturtiums, Mixed Colors. Pkt., 10c.; Oz., 20c.; ¼ lb., 60c.; lb., \$2.00

2951 Henderson's Collection of Eight Giant-flowering Climbing Nasturtiums. One packet each, 60c.

Climbing Ornamental Leaved

2960 Ivy-leaved Tall or Climbing. Beautiful leathery dark-green foliage, resembling that of the English Ivy, against which the various colored fringed flowers make a fine contrast. Oz., 25c.; Pkt. 10c.

2970 Variegated-leaved Tall or Climbing. Foliage mottled and striped with cream, green, silver and yellow. Flowers of various beautiful colors n mixture. Oz., 25c.; Pkt. 10c.

Nasturtium HENDERSON'S GIANT FLOWERING Tom Thumb

These Grand Dwarf Bedding Nasturtiums have flowers often measuring 3 inches across, in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-colored sorts have been greatly enhanced. For summer flower beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that bloom during early summer and continue until frost.

2993 Golden Gate. Immense flowers of rich golden-orange. Oz., 25c.; Pkt. 10c.

2994 Gorgeous. Grand flowers of glowing salmomy-apricot. Oz., 25c.; Pkt. 10c.

2995 Kaleidoscope. The flowers vary in color on a single plant, some being all yellow, others all red, while many are spotted and marked diversified styles. Oz., 25c.; Pkt. 10c.

2996 King of the Reds. Giant flowers of brilliant crimson-scarlet. Oz., 25c.; Pkt. 10c.

2997 Mariposa. Yellow with terra-cotta blotches and red veins. Oz., 25c.; Pkt. 10c.

2998 Rainbow. Canary, splashed and shaded carmine and rose. Oz., 25c.; Pkt. 10c.

3000 Giant-flowering Tom Thumb, Mixed Colors. Pkt., 10c.; Oz., 20c.; ¼ lb., 60c.; lb., \$2.00

3001 Collection of Six Giant-flowering Tom Thumb Nasturtiums. One packet each of the above-named sorts, 50c.

Trailing "Tom Pouce"

3010 The vines grow only 2 feet long. Flowers small, but borne in profusion; colors, yellow, scarlet, orange and blotched. Peculiarly adapted as trailers for vases, window boxes, hanging baskets, rockwork, etc. Oz., 25c.; Pkt. 10c.

122 The Earliest Flowers of Spring Come from Fall Planted Bulbs

Nemesia

Below we illustrate a bed of Nemesia hybrids, having many of the brilliant colors in it for which Nemesia is famous, all varieties are annuals. The spikes growing up in it are Geum, Orange Queen, shown on page 11.

3020 Newton's Glories. A notable hybrid strain of large-flowering Nemesias. Plants of bushy growth bearing a profusion of large flowers, in gorgeous colorings, including crimson, lemon, orange, purple, claret, etc., some are tigered and spotted on delicate ground colors. **Mixed Colors.**Pkt. 25c.

3030 Triumph Hybrids. A splendid race of these popular annuals. The plants grow 6 to 8 inches high, in bushy form, and bear continuously, myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. (See illustration.) **Mixed Colors.**Pkt. 15c.

Nemophila (California Blue-bell)

3040 Splendid annuals about 1 foot high for garden decoration; clusters of bright-colored flowers in shades of blue, white and violet, margined, dotted, etc., borne freely all summer long if grown in a rather cool, partially shaded situation. **Mixed Colors.** Pkt. 10c.

Nicotiana (Flowering Tobacco)

3045 Affinis. The popular, free-flowering variety; fragrant, star-shaped white flowers; annual, 3 feet high.

Per 1,000 seeds, 25c.; Pkt. 10c.

3047 Crimson King. Dark velvety crimson red.

Per 1,000 seeds, 40c.; Pkt. 15c.

3050 Affinis Hybrids. Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant flowers through summer and autumn; easily grown from seed, commencing to flower in a few weeks from sowing, thriving in a sunny position in any good garden soil. The plants, of branching, bushy habit, 2 to 3 feet high, carry the flowers in clusters, measuring 1½ to 2 inches across, and are very fragrant. Purple, white, dark red, light red, salmon, crimson, violet, rose and pink. **Mixed Colors.** (See illustration.)

Per 1,000 seeds, 25c.; Pkt. 10c.

Nigella (Love-in-a-Mist)

Lovely garden annuals growing in oval hush form, about 12 to 15 inches in height. In the finely cut fern-like green foliage nestle numerous large double flowers of light blue or white. The charming effect having suggested the popular names of "Love-in-a-Mist," "Devil-in-a-Bush," etc. (See illustration.)

3056 Miss Jekyll. Blue. Large, double, light blue.

Pkt. 10c.

3058 Miss Jekyll. White. Pure white flowers.

Pkt. 10c.

3060 Damascena. Double Mixed. The tall type.

Pkt. 10c.

Flowers Grown from Henderson's Seeds Win Prizes Wherever Shown

"I enclose a photo of my flowers raised from your seeds and I can assure you everybody was much pleased with the results. The photo shows them just before I took them to the Exhibition at Nebraska State Fair. In the group there are Invincible Asters, African Marigolds, Floss flowers, Snapdragons and Gaillardias. The exhibit took two first prizes on Asters and a fourth prize on collections."

Mrs. J. C. N. RICHARDS, Lincoln, Nebr.



Mrs. J. C. N. RICHARDS, Lincoln, Nebr.



Oenothera (Evening Primrose)

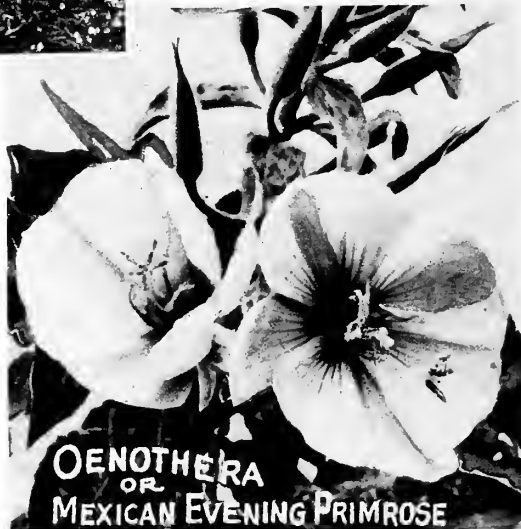
These are among our most beautiful annual plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large, single, Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation. (See illustration.)

3068 Royal Rose. "Mexican Evening Primrose." Rose colorPkt. 10c.

3070 Mixed Annual Varieties. Pkt. 10c.

Henderson's Special Mixed Annual Flower Seeds

4740 A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution. Price, oz. 25c.; ¼ lb. 75c.; lb. \$2.00; postpaid.



Whenever a dash of color is desired to liven up the garden, Henderson's Giant Flowering Tom Thumb Nasturtiums will supply that color in a very short period of time. See page 121.

Pansies

The Pansy family is so well known to everybody that it would be superfluous to print any extended description. But it is necessary of course, to describe particular varieties and new sorts that are occasionally bred by the hybridizers.

Pansy seed is probably best sown in July, August or the early part of September, either in the open ground or in a prepared seedbed. Water is necessary every day until the seeds germinate which will be in 2 or 3 weeks time and the seedlings must not be allowed to dry out. When large enough transplant to the border or bed they are wanted for, one foot apart, and cover with hay or straw 3 inches deep when freezing weather sets in.

Good results may be obtained by sowing in April following much the same procedure. If requested we will send our pamphlet "How to Grow Pansies."

Henderson's Mammoth Butterfly

This "Butterfly" race originated from selections made by the late Peter Henderson—who was particularly fond of pansies—from the best American, English, Scotch, French and German varieties. This process of selection has been persisted in by us ever since, and from the legion of "most beautiful" pansies among Henderson's Butterflies we have chosen this offering. (See illustration.)

3120 Henderson's Mammoth Butterfly Pansies in Mixed Colors.
Per 1,000 seeds, \$1.00; Pkt. 25c.

Popular Strains

3100 Bedding. Finest Mixed. Per 1,000 seeds, 50c.; Pkt. 10c.

3110 Bugnot's Large Stained French. Mixed
Per 1,000 seeds, 75c.; Pkt. 15c.

3140 English Choicest Show. Mixed. Per 1,000 seeds, \$1.00; Pkt. 25c.

Henderson's Giant Mottled

Well-grown they measure 3 to 3½ inches across—and of most gorgeous effects, blotches, spotted, marbled, veined, striped and blended, colors passing through reds, rose, pink, white, purple, in beautiful and indescribable variegation.

3150 Mixed Colors. Per 1,000 seeds, \$1.00; Pkt. 25c.

Henderson's Giant Ruffled

A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be fluted from center to circumference, not unlike "frilled" velvet. The unusual substance of the flowers, enables them to present bold, open and handsome faces, during windy or dry summer weather, when other Pansy flowers droop or wilt. The flowers are borne on strong stems well above the foliage and contain rich combinations of coloring not found in other Pansies.

3170 Mixed Colors. Per 1,000 seeds, \$1.00; Pkt. 25c.

Pansy Roggli's Giant

3172 A new race that was developed in Switzerland and is distinguished from its extremely strong growth. It produces giant flowers of the most beautiful colors and begins blooming very early.

Owing to all these outstanding qualities, this sort should be included in every garden. **Mixed colors.** (See illustration) Pkt. 50c.

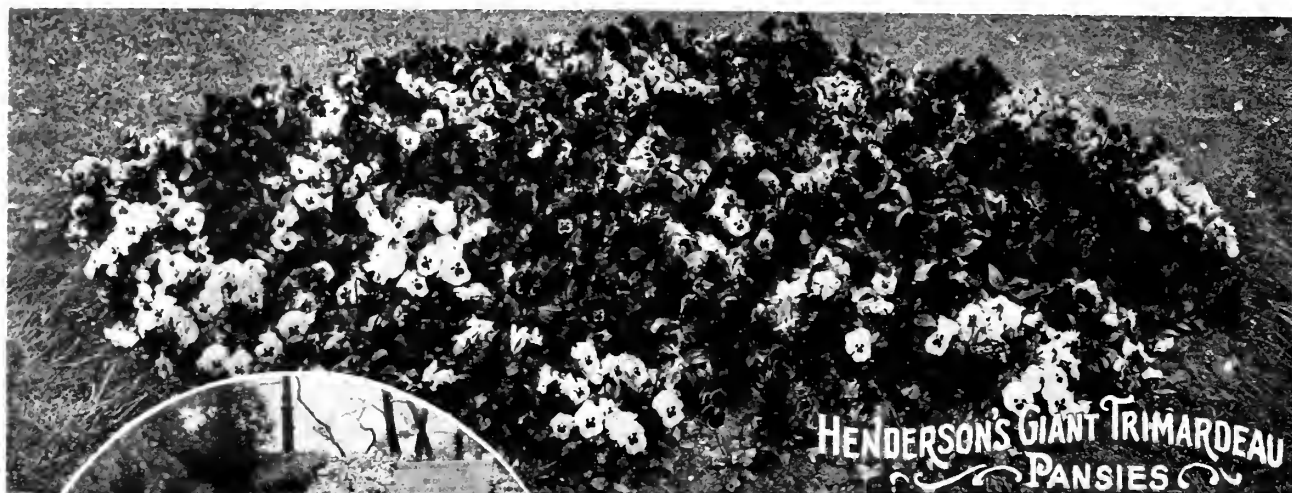
3173 Roggli. Cardinal shades. A selection of many crimson sorts. Pkt. 50c.

Pansy George Washington

3189 This Giant Pansy is of a lustrous dark blue color. The three lower petals bear clearly defined deep dark violet blotches, finely veined on the edges. The upper petals are thinly dark lined.

Pkt. 35c.





Pansy, World's Record

Hardy and Everflowering

Spring-sown seed will produce plants which will commence flowering much sooner than other Pansies, the deep fibrous-rooted plants—being less susceptible to hot weather—continue to bloom in increasing profusion well into late summer with but little if any diminution in size of flowers. The flowers are of large size and are delicately fragrant—indicating the Violet strain in their make-up.

- 3252 **Celestial Queen.** Bright-sky blue, tinted lavender, small yellow eye.....Pkt. 15c.
 3254 **Ice King.** Silver white with deep blue blotch on lower petals.....Pkt. 15c.
 3256 **March Beauty.** Rich velvety violet-purple, with yellow eye.....Pkt. 15c.
 3258 **Winter Sun.** Golden-yellow with maroon blotch on lower petals. Pkt. 15c.
 3260 **Mixed Colors**.....Pkt. 15c.

3261 **Collection, World Record Pansies.** One pkt. each of above 4 varieties.....50c.

Pansy Henderson's Superior Giant Trimardeau

Years of scientific culture hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. (See illustration.)

- | | | | |
|--|-----------------|-----------|------|
| 3176 Aurora. Crimson purple shading to light wine, with a defined white margin..... | Per 1,000 seeds | Pkt. 60c. | 10c. |
| 3178 Bridesmaid. White shaded rose beautifully blotched..... | | 60c. | 10c. |
| 3182 Canary Bird. Pure spotless yellow..... | | 60c. | 10c. |
| 3186 Indigo-Blue. Blotched black..... | | 60c. | 10c. |
| 3192 King of the Blacks. Lustrous jet-black..... | | 60c. | 10c. |
| 3196 Lord Beaconsfield. Lavender, heliotrope and purple..... | | 60c. | 10c. |
| 3207 Meteor. Rich, reddish-brown or mahogany—a beautiful shade..... | | 60c. | 10c. |
| 3214 Peacock. (Gloriosa.) Garnet, cream and blue..... | | 60c. | 10c. |
| 3216 President Carnot. White with large violet blotches..... | | 60c. | 10c. |
| 3217 Prince Charming. Rosy red, veined purplish lilac, a charming sort..... | | 60c. | 10c. |
| 3218 Purple. (Atropurpurea.) Velvety royal-purple..... | | 60c. | 10c. |
| 3222 Snow Queen. Spotless snow-white..... | | 60c. | 10c. |
| 3226 Striped. White, blue, violet and chocolate..... | | 60c. | 10c. |
| 3227 Victoria. A very distinct and new variety; clear oxblood red..... | | 10c. | |
| 3234 White Treasure. White with three violet blotches..... | | 60c. | 10c. |
| 3238 Giant Yellow. Golden yellow with mahogany eye..... | | 60c. | 10c. |
| 3240 Mixed Colors. Per Oz. \$4.00..... | | 50c. | 10c. |

3241 **Henderson's Collection of 12 Giant Pansies.** This Collection contains one packet each of 12 of the largest and most beautiful Pansies in cultivation.....Price, \$1.00

PANSY CULTURE.—To raise *Spring-sown Pansies*, sow seed thinly in coldframe about March, and transplant when the weather is favorable and the plants are of sufficient size.

Or, sow in February in shallow window box where temperature is about 65 deg. When seedlings are large enough, transplant 2 inches apart, and then to open ground.

Pentstemon

or Beard Tongue

These should be grown as half-hardy annuals; they are then a valuable addition to beds and borders in summer. Height 2 feet.

3283 **"Excelsior."** A new variety having very large flowers, colors range from white to deep scarlet. **Mixed Colors.** Pkt. 25c.

3285 **"Sensation."** A Giant Gloxina-flowered type, though perennial, these bloom early the first season from spring-sown seed. The graceful spikes, about 2 feet high, are bedecked with flowers 2 inches from July until frost. The colors and markings are gorgeously varied from pink to scarlet and maroon, all beautifully blotched and veined with other colors.....Pkt. 15c.



"How to Grow Pansies," is the name of Henderson's free leaflet which gives complete instructions for growing superior Pansies, sent free on application.

"A Wise Planter is Early Afield" Prepare Your Garden Soil 125

Petunia, Compact Bedding

Dense, bushy little plants, only about 8 inches high; the flowers, while not large, in their profusion fairly hide the plants.

3304 **Norma**. Velvety-blue, with white center. Pkt. 10c.
 3306 **Rosy Morn or Pink Mound**. Rosy-pink with white throat, very popular Pkt. 10c.
 3307 **Rose of Heaven**. A fine bedding sort, color brilliant rose Pkt. 15c.
 3308 **Snowball**. White flowers Pkt. 10c.
 3310 **Compacts, Mixed Colors**.

Per 1,000 seeds, 40c.; Pkt. 10c.

Balcony Petunias

The Petunia has long been regarded as one of the best flowers for growing in window or porch boxes, vases, etc. The Balcony Petunias are particularly recommended for this purpose. The showy flowers which average about three inches in diameter are produced in great abundance from early summer until killed by frost. (See illustration.)

3312 **Petunia Balcony Blue** (Karlsruher) Pkt. 25c.
 3313 **Petunia Balcony Crimson** Pkt. 15c.
 3314 **Petunia Balcony Rose** Pkt. 15c.
 3315 **Petunia Balcony White** Pkt. 15c.
 3316 **Petunia Balcony Mixed** Pkt. 15c.

Petunia, Henderson's Giant Double "GIANTS OF CALIFORNIA"

These are as large as Hollyhocks, and very double. The edges are fringed, petals fluted and crinkled, intensifying and varying the colors with high lights and dark shadows, bringing out a richness and effect unmatched by crumpled velvet, which the flowers resemble. They come in a variety of colors—selfs, blotched, veined, margined, etc.; in short, these Double Petunias are unsurpassed by any other strain.

3320 **Mixed Colors** Pkt. 50c.

NOTE.—This strain of Double-flowering Petunias do not produce seed. The pollen from the doubles is transferred to the chosen singles which produce seed, so only about one-third of the progeny will be double and these in the seedling stage are always the weaklings of the batch and are the ones to be coddled.

Petunia, Henderson's Giant Single

Petunias are almost indispensable for garden decoration. They flower in a few weeks' time from seed and continue to grow and bloom in luxuriance until frost. Our strain of Giants of California is of incomparable beauty and size. Most of the flowers are exquisitely ruffled or fringed on the edges, and all are of enormous dimensions, 4 to 5 inches across. Variety of colors, shades and markings, in most beautiful combinations, is remarkable. (See illustration.)

3332 **Aurora**. Rose-pink, veined crimson Pkt. 25c.
 3334 **Fimbriata Alba**. White, with yellow throat. Pkt. 25c.
 3336 **Empress**. Lavender, toning off white, netted violet; throat black. Pkt. 25c.
 3335 **Elk's Pride**. A large flowering and profuse blooming variety, color Elks Purple, a very desirable sort Pkt. 25c.
 3338 **Kermesina**. Deep crimson Pkt. 25c.
 3342 **Miranda**. Rosy-red, with scarlet throat. Pkt. 25c.
 3344 **Quadricolor**. Rose, netted carmine; throat blood-red with a star-like yellow center. Pkt. 25c.
 3346 **Royal Purple**. Rich royal purple. Pkt. 25c.
 3348 **The Queen**. A lovely large, fringed-flowered variety of rose-pink, variously marked with white; throat yellow. Pkt. 25c.
 3352 **Titania**. Royal Purple, edged white. Pkt. 25c.
 3360 **Giant, Single, Mixed Colors** . . Per 1,000 seeds, \$1.00; Pkt. 25c.



Petunia, Double Self-Seeding

This new strain produces seed; insuring a larger percentage of double-flowering plants (about 60 per cent.) than can be raised from singles artificially pollinized from double flowers, which is necessary in producing other Double Petunias from seed. The flowers of these Double Self-seeding Petunias are large—double—and include a variety of different colors.

3326 **The Bride**. Fine delicate rose. Pkt. \$1.00
 3328 **Red Riding Hood**. Bright Blood Red. Pkt. \$1.00
 3330 **Mixed Colors** Pkt. 50c.

Petunia, New Dwarf California Giant

3365 By far the best strain of Giant Petunias for pot culture. We have checked this type against many in our experimental grounds this season and consider it the most compact Giant Petunia with the largest and best formed flowers of any dwarf Petunia on the market today.

Mixed Colors Pkt. 50c.

Petunia, Bedding Single LARGE-FLOWERING

The strain of seed we herewith offer is our very finest selection from this type of Petunia, producing large, single flowers, including all the Petunia colors; height 1 foot.

3370 **Mixed Colors**. Per 1,000 seeds, 25c.; ¼ oz., \$1.00; Pkt. 10c.



Henderson's Selected Poppy Seeds

Double Carnation-Flowered

3440 Thrifty, upright varieties, 2 feet high; flowers of large globular form with slashed or fringed petals. Colors and combinations beautiful and varied.

Mixed Colors.....Per 1,000 seeds, 25c.; Pkt. 10c.

"Double Featherball"

3445 These double-fringed annual Poppies are very beautiful; they belong to the Carnation-flowered type, the large flowers having the same globe-shaped formation, with gracefully fringed-edged petals like big balls of slashed tissue-paper or feathers. Plants of dwarf branching growth, only 15 to 18 inches high, each plant carrying several of these large exquisite flowers.

Mixed Colors.....Per 1,000 seeds, 25c.; Pkt. 10c.

Henderson's Giant Double "BRILLIANT BLEND"

3455 These annual Poppies are sturdy, luxuriant growers about 2 1/2 feet high, bearing immense double flowers 4 to 5 inches in diameter, or as large as Peonies. Some of the flowers have broad, round, smooth-edged petals, and are of imposing effect; others have lacinated and fringed edges which add a charming grace; but the climaxing merit of all is the wonderful variety of coloring, ranging from the most gorgeous crimson through innumerable shades to purest white; many are also striped, blended and edged with other colors. When grown in masses the floral panorama is of almost unimagined beauty. They are of the easiest possible culture; the seed only needs to be sown thinly in May where the plants are to remain. (See illustration.)

"Brilliant Blend" Mixture.

Per 1,000 seeds, 25c.; Per oz. 50c.; Pkt. 10c.

3456 American Flag. A pure white ground, margined dark orange scarlet. Pkt. 10c.

3457 El Dorado. Light Yellow.....Pkt. 10c.

3458 Firebrand. Fiery bright orange scarlet.....Pkt. 10c.

3459 Lady in White. Large pure satiny white.....Pkt. 10c.

3462 Lavender Beauty. Rich, deep lavender, shading to silvery lavender.....Pkt. 10c.

3463 Rosy Morn. Exquisite rosy pink, shading to salmon pink and white at the center.....Pkt. 10c.

3461 Collection Gorgeous Poppies, one packet each of the above 6 separate varieties, 50c.

Double Peony-Flowered

3460 Robust plants 2 feet high, with immense double, peony-like flowers, 3 to 4 inches in diameter, in many beautiful colors and combinations. (See illustrations). **Mixed Colors**.....Per 1,000 seeds, 25c.; Pkt. 10c.

American Legion

3464 An improved variety of Flanders Poppy, color a brilliant orange scarlet, excellent for cutting.

They do not attain as large a size as a well grown Shirley Poppy, but apart from the sentiment now attached to them they are a decided acquisition. They flower the first season from spring-sown seed.

Per 1,000 seeds, 40c.; Pkt. 15c.

English Scarlet Field

3465 The famous Scarlet Poppy of the English fields.

Per 1,000 seeds, 25c.; Pkt. 10c.

Henderson's Giant Shirley

A great advance in single annual Poppies. The flowers are immense, four inches across, the petals are fluted and crinkled and in the sunlight appear like rumpled satin. The plants are about 12 inches high, and bloom in continuous succession for weeks. (See illustration.)

3491 Crimson King.....Pkt. 15c.

3492 Gaiety, White.....Pkt. 15c.

with pink edge.....Pkt. 15c.

3493 Orange King.....Pkt. 15c.

3498 Snow White.....Pkt. 15c.

3470 Mixed Colors.....Per 1,000 seeds, 25c.; Pkt. 10c.

3499 Collection, one packet each of above eight varieties.....\$1.00.

Iceland Poppy

(*Papaver nudicaule*)

Although hardy perennials, these dwarf Poppies bloom the first season from spring-sown seed. The fragrant, elegant, crushed-satin-like flowers are produced in never-ceasing succession from the beginning of June to October; fine for cutting. (See illustration.)

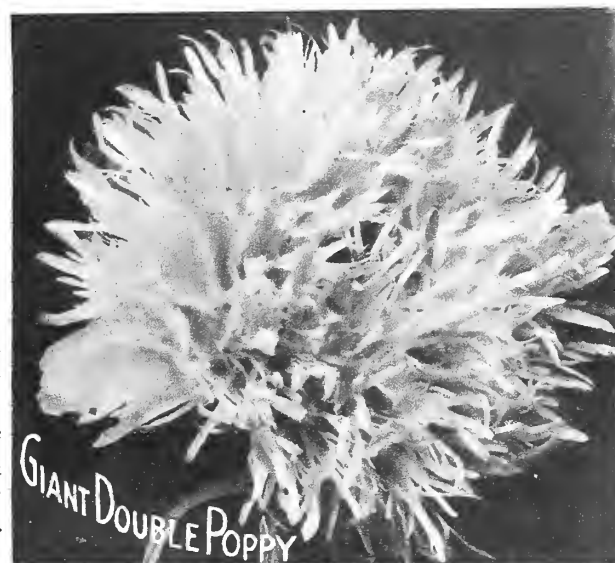
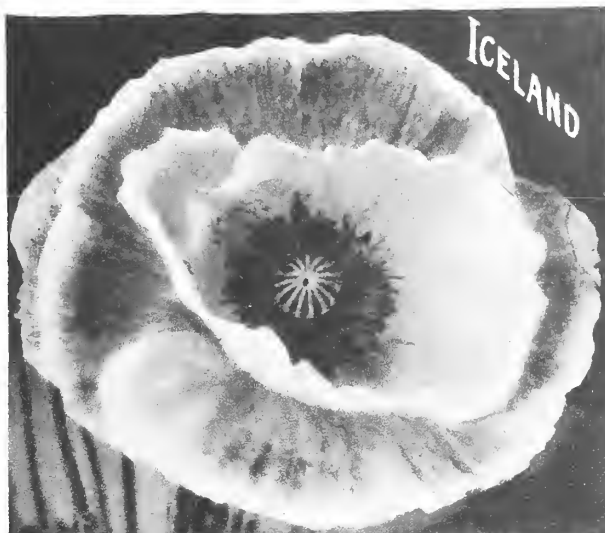
3471 Sunbeam. A wonderful improvement of the ordinary type, this grand strain contains many new colors including straw, cream and many rose tints. While a hardy perennial, it blooms the same season if the seed is sown early in the spring. **Mixed Colors**.....Pkt. 25c.

3472 Scarlet.....Pkt. 10c.

3474 White.....Pkt. 10c.

3476 Yellow.....Pkt. 10c.

3480 Mixed Colors.....Per 1,000 seeds, 50c.; Pkt. 10c.





Hardy Poppy, Giant Oriental (Papaver Orientale)

Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height, 2 to 3 feet; flowers immense, often 6 inches or more across. They are also grand, cut in bud state, for vases. The seed should be sown in the open ground in June or July in order to bloom the following summer. (See illustration.)

3482 **Beauty of Livermere.** Crimson with black blotch. Pkt. 15c.

3483 **Colosseum.** Flowers 8 inches across. Color, rich shiny dark scarlet, with a black spot at the base of each petal. Pkt. 15c.

3484 **"The Feltham."** This variety is a new departure in hardy perennial Oriental Poppies. It has all the various shades of the type, viz.: scarlet, orange, apricot, etc., but with no black blotches at the base of the petals. The flowers are thus self-colored.

A brilliantly decorative border plant. Pkt. 35c.

3485 **Princess Victoria Louise.** Salmon-scarlet. Pkt. 15c.

3487 **Rembrandt.** Orange-scarlet. Pkt. 15c.

3489 **Salmon Queen.** Salmon-yellow. Pkt. 15c.

3490 **Oriental Hybrids.** Mixed Colors. Per 1,000 seeds, 60c.; Pkt. 15c.

Portulaca

Brilliant garden annuals, 6 inches high, luxuriating in warm, dry, sunny situations and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink striped, white, etc. (See illustration.)

3500 **Double, Mixed Colors.** These make perfectly gorgeous masses of color; the flowers are like little roses. Per 1,000 seeds, 50c.; Pkt. 15c.

3505 **Parana.** Immense single blossoms, averaging 2 inches; color bright ruby-red. Pkt. 10c.

3510 **Single, Mixed Colors.** Per 1/4 oz., 50c.; per 1,000 seeds, 25c.; Pkt. 10c.

3501 **Imported Collection of Double Portulaca, 8 varieties.** .75c.

Primula Primrose

Giant Fringed Chinese. (*Primula Sinensis Grandiflora Fimbriata.*) Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from insects; while they produce for weeks large trusses of flowers, which, in our new Giant varieties, average 4 1/2 to 6 inches in circumference.

3520 **Giant, Double, Mixed Colors.** Pkt. 50c.

3540 **Giant, Single, Mixed Colors.** Pkt. 25c.

Giant Star. (*Primula Stellata Hybrida Gigantea.*) The dark foliage on purple stems makes a striking contrast to the innumerable star-shaped flowers borne in clusters. The flowers are much larger than the old type *Stellata* and of greater substance.

3530 **Mixed Colors.** Pkt. 25c.

Primula (Primrose)

Primula Malacoides. This new race of Primroses from the mountains of China has proven most profuse-flowering for pot culture. The plants form rosettes of light green leaves from which numerous wiry stems—8 to 10 inches in height—gracefully carry whorls of flowers 1/2 to 3/4 of an inch across. They are easily grown from seed flowering in about 4 months from sowing, and continue to bloom for many weeks. A cool situation indoors suits them to perfection.

3522 **P. Malacoides Alba.** Pure white flowers. Pkt. 25c.

3524 **P. Malacoides.** Lilac-colored flowers. Pkt. 25c.

3525 **Primula Obconica Gigantea.** These "Ever-flowering Primroses" are favorite pot plants for house and conservatory.

This new giant Obconica race produces flowers of great size, many of them measuring 1 1/2 inches across, equaling the flowers of the Chinese Primrose with the added merit of being more easily grown and having a longer duration of bloom. Several colors in mixture, white, crimson, rose, violet, lilac, pink-eyed sort, etc. Pkt. 25c.

3542 **Primula Acaulis or Hardy Blue Primrose.** A beautiful, blue-flowered type, hardy, and splendid for naturalizing among shrubs in turf or the herbaceous border. Pkt. 25c.

3545 **Primula Japonica Hybrids.** These grand new Japan Primroses are perfectly hardy—forming stately, robust plants that carry large trusses of bloom standing 3 to 3 1/2 feet above the ground. The colors range from pure white through shades of pink to deep crimson. Pkt. 25c.

Pyrethrum

3552 **Aureum or Yellow-Leaved Golden Feather.** Dwarf plants about 8 inches high, extensively used for ribbon and carpet bedding, foliage of bright yellow. Usually grown as annuals, although perennials. Yellow foliage, 3/4 foot.

Per 1,000 seeds, 25c.; Pkt. 10c.

Pyrethrum Hybridum or Painted Daisy

Valuable, hardy, herbaceous garden plants with large single or double flowers, 3 to 4 inches across, of rose, flesh, pink, white, crimson, etc., freely borne on stems about 2 feet high; they remain in bloom for a long time.

3555 **Double, Large-flowering, Mixed Colors.** Pkt. 25c.

3560 **Single, Large-flowering, Mixed Colors.** Pkt. 15c.



Rhodanthe or Straw-Flower

Elegant garden annuals, 9 to 12 inches in height. They flower early and continue for a long time, and are also used as pot plants. As an "Everlasting" for dried winter bouquets they are indispensable.

- 3563 **Rose**.....Pkt. 10c.
3565 **White**.....Pkt. 10c.

Ricinus or Castor Oil Plant

Noble annual foliage plants of luxuriant and rapid growth, attaining a height of from 5 to 10 feet; producing large Palm-like leaves about 3 feet across, of majestic sub-tropical effect; grown either as specimens or in groups. (See illustration.)

- 3571 **Ricinus Crimson Spire**. A new and desirable variety with bronze foliage and crimson seed pods; height, 6 feet.....Per oz., 30c.; Pkt. 10c.
3572 **Borboniensis**. Immense green foliage; 15 feet.....Per oz., 30c.; Pkt. 10c.
3573 **Cambodgiensis**. Maroon foliage, black stems.....Per oz., 30c.; Pkt. 10c.
3574 **Panormitanus**. A cross between *Ricinus Cambodgiensis* and *Zanzibariensis*, which inherits its maroon color from the former, and from the latter its gigantic dimensions. The plant has a noble upright habit and when fully developed forms a huge symmetrical bush of wonderfully ornamental aspect.
.....Per oz., 30c.; Pkt. 10c.

- 3580 **Mixed Varieties**.....Per oz., 25c.; Pkt. 10c.
3585 **Zanzibariensis**. Immense leaves, green, brown or purplish.....Per oz., 30c.; Pkt. 10c.

Salpiglossis, Emperor

A new, giant-flowering race of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne of dwarf, sturdy branching plants, not exceeding 24 inches in height, and do not require staking. The colors are intricately netted, penciled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. A bed of Emperor Salpiglossis in flower is strikingly beautiful. The long stemmed flowers are also fine for cut flower decorations. (See illustration.)

- 3602 **Light Blue**. Veined gold.....Pkt. 10c.
3603 **Bright Crimson**.....Pkt. 10c.
3604 **Golden-Yellow**.....Pkt. 10c.
3606 **Lilac**. Veined gold.....Pkt. 10c.
3607 **Pink**.....Pkt. 10c.
3608 **Purple-violet**. Veined gold.....Pkt. 10c.
3610 **Mixed Colors**.
Per 1,000 seeds, 50c.; Pkt. 10c.

- 3611 **Collection of the above**, 6 separate colors.....50c.



RICINUS



SALVIA Bonfire

Salvia

Scarlet Sage Grown as Annuals.

The Salvias are among our most popular and useful bedding plants. They are easily raised from seeds sown in February or March in the greenhouse or hotbed, the seedlings being transferred to the open garden about the end of May. They bloom profusely from July until frost. Half-hardy perennials but are usually grown and flowered as annuals.

3622 **Bonfire**. Very compact oval bushes, 2 1/2 feet high; brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. (See illustration.)

Per 1,000 seeds, 60c.; per 1/4 oz., \$1.00. Pkt. 10c.

3623 **Harbinger**. The older types of *Salvia Splendens* have one common fault, their lateness of coming into bloom. Harbinger remedies this fault. Plants raised from seed sown at the end of February commence to produce in profusion their long spikes of dazzling scarlet flowers early in June and maintain a blaze of color till frost. The foliage is dark green, and the plants are very compact in habit.....Pkt. 35c.

3624 **Scarlet Dragoon**. The old *Salvia Splendens*, or Scarlet Sage, has long been a favorite, and our customers can appreciate the superiority of this new variety when we state that the flowers are nearly double the size. Fully-grown plants in bloom form compact bushes 3 feet across by 3 feet high, and bloom from ground to summit.

Per 1,000 seeds, 75c.; per 1/4 oz., \$1.25; Pkt. 15c.

3626 **Splendens**. The old favorite bedding variety, producing during the summer and fall dazzling scarlet flowers in profusion. Height 2 feet.....Per 1,000 seeds, 50c.; per 1/4 oz., 75c.; Pkt. 10c.

3627 **Parma Violet Blue**. This beautiful variety grows to a height of 3 feet, producing many spikes of a bright blue and a wonderful acquisition to this popular plant. Blooms the first season from spring-sown seed.....Pkt. 25c.

3628 **Tom-Thumb Zurich**. Of dwarf, compact growth, forming oval bushes 15 to 18 inches high, thickly studded with fine spikes of scarlet flowers. For bedding it is brilliantly effective, either planted alone or as a front row for the taller Salvias.

Per 1,000 seeds, 75c.; Pkt. 15c.

3631 **Salvia Farinacea Blue**. The plants grow from 4 to 5 feet tall, having long spikes of light blue flowers. Seed sown indoors in February will bloom in August. This is quite distinct from *Salvia Splendens*.....Pkt. 15c.

Saxifraga Mixed

- 3636 A small perennial mossy foliage plant, invaluable for rock gardens. Height 3 to 6 inches. See also Henderson's Rock Garden Collection, on page 84.....Pkt. 25c.



SALPIGLOSSIS Emperor

We can furnish pot-grown plants of *Salvia Splendens* for bedding purposes ready April 15th. Price, 15c. each; \$1.50 per dozen. Purchaser pays transportation.

For Complete List of Pot-grown Plants, see Page 167

Scabiosa Maxima Plena Annual

"Sweet Scabious" or "Mourning Bride"

This is an improved type of this old garden favorite; the flowers are very large and double and are produced on long stems which make them exceedingly valuable for cut flowers. If the flowers are picked or the old flowers cut off the plants, a continuous succession of flowers will be enjoyed up to frost. The brilliantly colored flowers of this plant measure 6 to 8 inches in circumference, are double clear to the center, and have long stems. They are very free bloomers; very effective for garden decoration and valuable for bouquets, vases, etc.

When Scabiosa plants are given plenty of room and the seed pods picked off as they appear, the plants will keep on flowering all through the summer season. Butterflies and bees find the sweet flowers most attractive and large numbers of them will usually be found in the neighborhood of a bed of "Sweet Scabiosa." The plants attain a height of from one to two feet. (See illustration.)

- 3642 **Azure Fairy.** Light blue.....Pkt. 10c.
 3643 **Cerise.** Lovely cerise red.....Pkt. 10c.
 3646 **Golden Yellow.**.....Pkt. 10c.
 3647 **Royal Purple.**.....Pkt. 10c.
 3648 **Snowball.** Pure white.....Pkt. 10c.
 3650 **Maxima Plena.** Mixed colors.....Per 500 seeds, 35c.; Pkt. 10c.

3651 Collection of above, 5 separate varieties.....40c.

Scabiosa, Hardy Varieties, Perennial

3656 **Caucasica Alba.** A large, pure white variety; counterpart of the Perfecta beautiful; the flowers measure 3 to 4 inches across.....Pkt. 25c

3657 **Caucasica Perfecta.** Recognized as one of our handsomest hardy perennials, forming dense, spreading plants 2 to 3 feet high, thriving in any ordinary garden soil. The semi-double flowers, 3 to 4 inches across, are poised on stalks 1 1/2 to 2 feet long, making them of exceptional value cut for vases, etc. The coloring of the flowers is a beautiful lilac-blue, shading to deep blue. Pkt. 15c.

Scabiosa Japonica Perennial

3658 A new hardy perennial from Japan, forming large bushes, 2 1/2 to 3 feet in height and breadth, with elegant light green foliage. Flowers 2 to 2 1/2 inches across on long wiry stems 15 to 20 inches in length, of a beautiful mauve or lavender-blue. The plants, extremely free-flowering, produce their lovely flowers continuously from the end of June until late in the autumn.Pkt. 10c.



Schizanthus Annual

Wonderfully showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory. The seed germinates readily and in a few weeks' time. The plant is a mass of brilliant flowers, in an extraordinary variety of colorings. The foliage of the plant is very delicate and fern-like and highly decorative in appearance.

Our Hybrid and Wisetonensis strains as well as the Retusus varieties are particularly valuable for pots and decoration purposes and the taller varieties produce a most delightful effect when allowed to ramble freely on suitable supports.

3670 **Dr. Badger's Giant Flowering Hybrids.** A superb new strain, growing robust and bushy, 1 1/2 to 2 feet in height, with handsome bright green, fern-like foliage. The flowers, borne in great profusion, are unusually large, measuring from 1 to 1 1/4 inches across; they are of much substance—very lasting—and show an endless variety of bright colorings. The light varieties of white, pink, buff-rose or yellow have beautifully marked centers, zoned by a deeper shade. The darker sorts are of purple, mauve or red, with center lines of yellow or white, margined by a deep tone of the ground color. (See illustration.).....Pkt. 25c.

3675 **Wisetonensis Hybrids, Large-Flowering, Mixed Colors.** Beautiful colors and combinations in great variety.....Pkt. 15c.

Sedum Acre Stonecrop

3676 A fine hardy perennial plant for rock gardens, having beautiful yellow flowers. No Rockery is complete without this favorite plant, and it is also useful for garden edgings
Pkt. 25c

Henderson's Special Mixed Annual Flower Seeds

4740 A flower garden may be made by broadcasting in at the rate of 1 oz. per 100 square feet mixed with sand or dry soil to secure even distribution
Price, oz. 25c.; 1/4 lb., 75c.; lb., \$2.00; postpaid.



Sidalcea (Greek Mallow)

3677 Stark's Hybrids. Perennial plants of splendid habit, growing erect to a height ranging from two to three feet. The mallow-like flowers are clustered closely on the long spikes. The plants bloom over a long period ranging from June till September. The colors of these hybrids include delicate blush to deep rose pink and carmine, also the various tones of red to deep crimson (See illustration)Pkt. 25c.

Silene Annual

3680 Pendula Compacta, Double. An effective garden annual forming compact round bushes, 6 inches high, which during the summer are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. **Mixed Colors**Pkt. 10c.

Smilax Perennial

3685 Charming tender perennial climber for greenhouse or window gardens; the foliage and stems are of a pleasing light green; very graceful. Excellent for decorationPkt. 10c.

Statice (Sea Lavender) Annual

These new varieties of the annual Sea Lavender are unusually charming when dried for winter bouquets. They are also valuable for growing in rockeries; plants attain a height of about two feet.

3692 Sinuata Atrocoerulea.
Dark bluePkt. 15c.

3693 Bonduelli Yellow.Pkt. 15c.

3694 Sinuata Carminea.
Bright redPkt. 15c.

3696 Sinuata Pride of the Cham-
ois. Beautiful Chamois rose.

3698 Sinuata Rosea. Brilliant
rosePkt. 15c.



Stocks

"Beauty" or "Giant Nice"

The plants are of fine symmetrical habits, bushy, and in flower stand about 2 feet in height. The side branches each carry a tall, strong spike well furnished with large very double clove-scented flowers. They do not flower as quickly from seed as Ten-week Stocks, the "Beauties" requiring from 12 to 15 weeks, but after they commence blooming their long-continued profusion is phenomenal. When grown for winter flowering it is better to sow the seed in July or August. As cut flowers "Beauty" Stocks are unsurpassable, the fragrant flowers are of lasting substance. (See illustration.)

	Per 1,000 seeds	Pkt.
3703 Beauty of Nice. Exquisite flesh-pink	75c.	15c.
3704 Crimson King. Brilliant velvety crimson	75c.	15c.
3706 Light Violet. Extra fine	75c.	15c.
3707 Madame Rivoire. Double white	75c.	15c.
3708 Queen Alexandria. Rosy lavender	75c.	15c.
3709 Rose of Nice. Carmine-rose	75c.	15c.
3720 Mixed Colors.	60c.	15c.

3721 Collection of Beauty Stocks—One packet each of the 6 separate varieties, 75c.

Stocks, Henderson's Colossal Ten Weeks Annual

Remarkably Free Blooming Large Double Flowers

This magnificent strain is without a rival for open-ground planting, attaining a height of 2 1/2 feet, the spikes of bloom are very long, and the individual flowers are very double.

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. They should be given good rich soil to grow in, and will surely reward good treatment with remarkably large pyramids of bloom; the flowers represent a great diversity of color. (See illustration.)

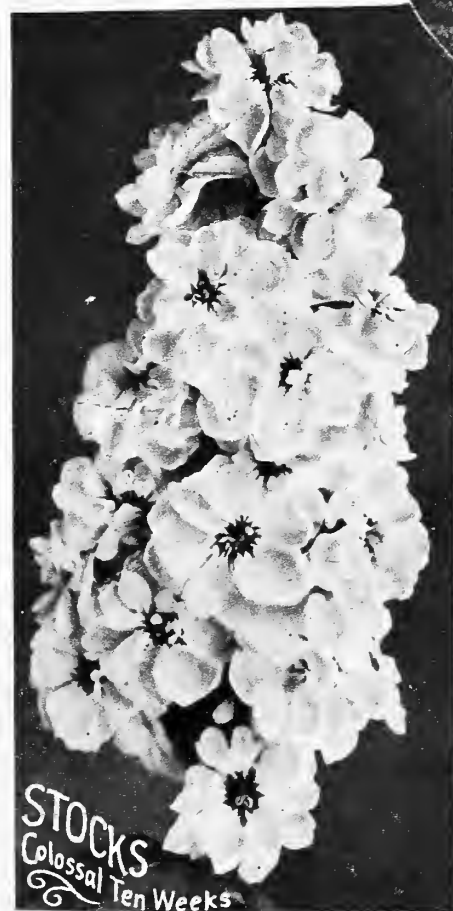
3732 Blue Bells. Pretty shade of blue	.....Pkt. 15c.
3733 El Dorado. Sulphur-yellow	.....Pkt. 15c.
3734 Grand Rouge. Brilliant crimson	.....Pkt. 15c.
3736 Mount Blanc. Purest white	.....Pkt. 15c.
3737 Rosy Morn. Delicate rosy flesh	.....Pkt. 15c.
3740 Mixed. Brilliant colors	.....Pkt. 15c.

3741 Collection of Colossal Stocks—One packet each of the 5 separate varieties, 60c.

Stocks, Large Flowering Ten Weeks Annual

Well-known annuals, for garden decoration; flowers double, of various colors and very fragrant.

3745 "Cut-and-Come-Again" Stocks "Princess Alice." The branching plants, about 2 feet high, produce continuously from summer to fall, double white flowers, splendid for cutting	Per 1,000 seeds, 75c.; Pkt. 10c.
3750 Double Mixed	Per 1,000 seeds, 50c.; Pkt. 10c.



Take it out in the garden. It answers questions. Henderson's Garden Guide and Record. Free with orders of \$3.00 or over, when asked for. See page 4.

132 Plant a Garden and Enjoy the Fruits thereof, It's Economical

Stokesia The Hardy Cornflower

A beautiful hardy perennial plant. As a single specimen or group in the border or for beds or masses it is very attractive. It is of the easiest culture, blooming the first year from seed, and succeeding in any open, sunny position. The plants grow from 18 to 24 inches high, flowering from July till late in October. The flowers, 4 to 5 inches across, on long stems, are valuable for cutting. (See illustration.)

3762 **Cyanea Blue.** Lavender blue Pkt. 10c.

Sunflowers

3777 **Giant Russian.** Immense single yellow flower . . Per oz., 15c.; Pkt. 10c.

3787 **Silver-leaved.** Beautiful silvery foliage; large single yellow flowers with black centers Per oz., 25c.; Pkt. 10c.

3779 **"Lilliput Hybrids."** An improved race, forming sturdy, branching plants, 3 to 4 feet high, and producing freely and continuously from early summer until frost long-stemmed flowers of perfect form, 3 to 4 inches across. The colors vary from cream-white through various shades of yellow from primrose to deep golden, including a good percentage of plants bearing flowers zoned, tipped or fringed with red, rose, purple, etc., Per 100 seeds, 25c.; Pkt. 15c.

3783 **"Red and Gold."** The plants of Henderson's "Red and Gold" Sunflower grow strong, branching to a height of 7 to 9 feet, each stem producing several flowers of large size. The central stem and main branches bear the large flowers—4 to 5 inches across. The coloring varies from golden-yellow splashed with red to nearly all red, but the great majority will be Gaillardia colored—that is a wide zone of red surrounds the purplish-black center, the ends or tips of the petals being of a rich golden-yellow. (See illustration.)

Per ½ oz., 50c.; Pkt. 15c.

3785 **"Red Semi-Double and Collarete."** The plants are of the same branching, free-flowering habits and easy culture as our "Red and Gold" Sunflower and the large flowers, 4 to 6 inches across, have the same colorings—reds and garnets tipped with gold and yellow. The seed we offer has been saved exclusively from densely-double, semi-double and collarete flowering plants.

Per 100 seeds, 50c.; Pkt. 25c

3781 **Maroon Prince.** For several years we have been growing a select strain of tall, red Sunflower but with Maroon Prince we are offering out customers a dwarf-growing strain. This is a true maroon in color, single, and is unquestionably the best red Sunflower on the market today. Pkt. 25c



Single "Cut-and-Come-Again" Dwarf-Branching (Annual)

These improved branching Sunflowers (*Helianthus Cucumerifolius* types) are popular, not only for garden display, but for cut flowers. The plants form bushes 3 to 4 feet high, bearing a continuous succession of flower from June until frost. The perfectly formed, single or double flowers, 3 to 4 inches across, are poised on long, graceful stems, which "vase" beautifully.

They are easily grown, commencing to flower in a few weeks from seed.

3794 **Mars.** Golden yellow, dark eye. Per ½ oz., 25c.; Pkt. 10c.

3796 **Sirius.** Lemon, dark center Per ½ oz., 25c.; Pkt. 10c.

3798 **White Star.** White with black eye. Per ½ oz., 25c.; Pkt. 10c.

3800 **"Cut-and-Come-Again."** Mixed Per ½ oz., 25c.; Pkt. 10c.

Double Varieties

3806 **Double Chrysanthemum-flowered.** Magnificent flowers 6 to 8 inches in diameter, densely double, the petals long and fringed; color, rich orange; the plants, 6 to 7 feet high, carry many of these noble flowers. (See illustration.)

Per ½ oz., 25c.; Pkt. 10c.

3808 **Double "Globes of Gold."** (*Helianthus Multiflorus*, fl. pl.) A dwarf well-branched plant, 3 to 3½ feet in height. Each of the numerous branches carry large, double, globe-shaped, rich golden flowers of deep yellow. Per oz., 50c.; Pkt. 10c.

Double "Cut-and-Come-Again" Dwarf-Branching (Annual)

These improved profuse-flowering, branching Sunflowers are becoming exceedingly popular, not only for showy display in the garden, but for cut flowers. The plants form many branched pyramidal bushes 3 to 4 feet high, bearing from base to summit a continuous succession of flowers from June until frost, veritable pyramids of gold. The flowers, 3 to 4 inches across, are poised on long, graceful stems, which "vase" beautifully. They are easily grown, commencing to flower in a few weeks from seed.

3816 **Double Golden-yellow** Per ½ oz., 50c.; Pkt. 10c.

3818 **Double White.** Creamy-white with yellow guard petals Per ½ oz., 50c.; Pkt. 10c.

3820 **Double "Cut-and-Come-Again."** Mixed Per ½ oz., 40c.; Pkt. 10c.

"I want to thank you for all the wonderful flowers I have from seeds bought from you. Everything is twice as good if from Peter Henderson."

Mrs. L. Jimener, Ashland, Ky.



Do Not Over-do the "Mixing" Give Place to Favorites 133

Stevia Serrata

3700 Stevia Serrata is very free blooming, and bears a profusion of its pure white, fragrant flowers, all summer and fall. This is a very good annual to grow, where quantities of flowers are grown for table decorations. Pkt. 10c.

Sweet Rocket, or Dame's Violet

Favorite, hardy, herbaceous perennials—very effective in the garden border. The plants form large clumps 2 to 3 feet in height, covered with showy terminal spikes of flowers resembling Stock. The colors range from white through lilac to pink and purple; splendid for cut flowers. (See illustration.)

4440 Mixed Colors Pkt. 10c.

Sweet William, Henderson's New Annual

The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower for several weeks. The plants are of the same habit as the perennial kinds, producing fine heads of bloom of various colors—white, crimson, rose-pink, etc., many of which are broadly edged with white and sweetly fragrant.

4450 Mixed Colors Per 1,000 seeds, 50c.; Pkt. 15c.

Sweet William, Henderson's Perfection Perennial

For many years the Sweet William (*Dianthus Barbatus*) has been esteemed as one of our finest hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps.

Our improved Perfection strains produce in greatest profusion very large florets in large heads and in a great variety of extremely rich colors. (See illustration.)

4454 Diadem. Deep rich crimson, with a well-defined white eye. Pkt. 10c.

4455 Double Large-flowering Perfection, Mixed. Extra choice from a fine collection. Per 1,000 seeds, 60c.; Pkt. 10c.

4457 Harlequin. Large flowers of several colors produced on one plant. Sometimes a head will be all crimson, another all pink, another white, etc., but usually florets of different colors will be borne in one head; very unique and beautiful. Pkt. 10c.

4459 Pink Beauty. Large, single flowers of pure pink. Pkt. 10c.

4462 Scarlet Beauty. Large single flowers of intense scarlet. Pkt. 10c.

4470 Single Large-flowering Perfection, Mixed. Extra choice varieties. Pkt. 10c.

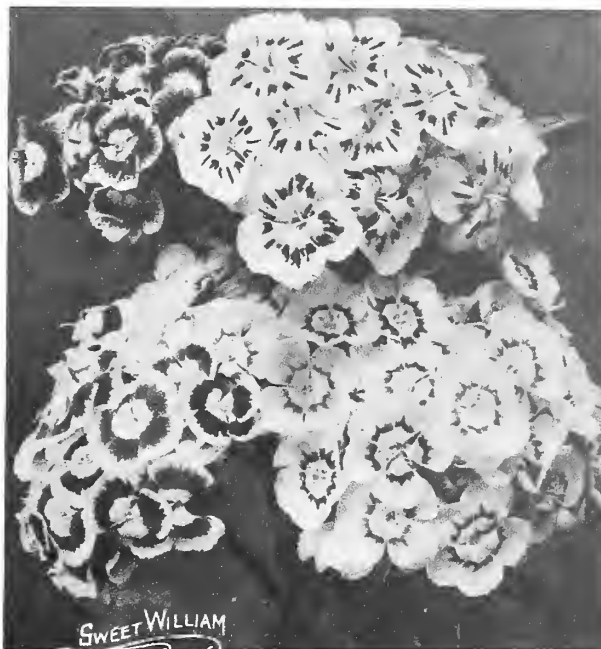
Tagetes Signata Pumila

4473 A dwarf compact Marigold growing six to eight inches tall, having very fine leaved foliage, covered with golden yellow flowers, splendid plant for edgings and rock gardens.

Per 1,000 seeds, 35c.; Pkt. 10c.



Sweet Rocket or Dames Violet



Thunbergia Alata

4475 Rapid-growing climbers attaining a height of 6 to 8 feet, densely clothed with neat, green foliage not affected by insects; the small single flowers of various colors are freely produced. A pretty vine for trellis, fences, rock-work, etc. Though tender perennials, they are usually grown as annuals. **Mixed colors (Alata)** Pkt. 10c.

Tritoma (Perennial)

These are popularly known as "Torch Lilies," "Red-hot Poker," "Flame Flowers," etc., and are among our showiest hardy plants, producing the brightest flowers of the autumn garden. They grow from seed and flower well the second year, commencing in May and continue to bloom throughout the summer and fall. They range in color through shades and combinations of yellow from pale lemon to orange and from salmon-pink, coral-red, etc., to crimson. The plants vary in height from 18 inches to 6 feet. (See illustration.)

4480 New Hybrids.

Mixed Colors Pkt. 25c.

4482 Uvaria Grandiflora. (Red-hot Poker Plant), hardy perennial with orange-red flowers on spikes 4 to 5 feet high Pkt. 15c.



Verbena Venosa (Perennial)

4486 The visitor to the world famous gardens of Versailles is impressed by a sea of purplish blue flower beds. It is this lovely blue hardy perennial verbena. The plants grow about 18 inches high and the flowers are borne in profusion. Pkt. 25c.

Verbena, Lemon

4485 (*Aloysia Citriodora*.) An old favorite with delightfully scented foliage. It is a low-growing tender plant, and may be grown in the garden in summer and in pots in winter Pkt. 10c.

Venidium Fastuosum

4483 A unique annual that suggests the exotic splendor of its native home, South Africa. It luxuriates in the glowing heat of the mid-summer sun. The plant bears golden yellow Sunflower like flowers with black center and is from three to four inches in diameter. Height 2 ft Pkt. 25c.

Your flowers will respond most graciously in size, form, color and beauty, if you feed them with Henderson's Garden Fertilizer. See page 200.



Verbena, Henderson's Mammoth

This distinct and beautiful race we originated, introduced and named. The average trusses measure 9 to 12 inches in circumference. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivaled; flowers of the most brilliant colors produced continually from spring until late in the autumn. (See illustration.)

4492 Mammoth Auricula-eyed Mixed. A variety of colors, each flower having a large white center.

Per 1,000 seeds, 50c.; Pkt. 10c.

4496 Mammoth Pink Per 1,000 seeds, 50c.; Pkt. 10c.

4498 Mammoth Purple Per 1,000 seeds, 50c.; Pkt. 10c.

4502 Mammoth Scarlet Per 1,000 seeds, 50c.; Pkt. 10c.

4504 Mammoth Striped. Various colors Per 1,000 seeds, 50c.; Pkt. 10c.

4506 Mammoth White Per 1,000 seeds, 50c.; Pkt. 10c.

4508 Mammoth Yellow Per 1,000 seeds, 50c.; Pkt. 10c.

4510 Mammoth Mixed Per 1,000 seeds, 40c.; Pkt. 10c.

4511 Collection, 6 varieties 50c.

Wall Flower, Perennial

The charm and fragrance of Wallflowers is becoming more widely known. They flower early, and are often called the true "harbingers of spring." Wallflowers thrive in poor soil, where other flowers would not do so well. They are not hardy and should be sown in a cold frame during the autumn months where the seedlings can be protected and transplanted to the open ground in the spring.

DOUBLE VARIETIES

4550 Large Double, Mixed Colors Pkt. 15c.

4551 Imported Collection of 6 Double Varieties Pkt. 50c.

SINGLE VARIETIES

4561 Golden Mascot. Clear golden yellow Pkt. 25c.

4562 Fire King. Vivid orange Pkt. 25c.

4563 Ruby Gem. Rich ruby color Pkt. 25c.

4564 Vulcan. Bright crimson Pkt. 25c.

4565 Large-flowering Single, Mixed Colors Pkt. 10c.

Wall Flower, Extra Early Annual

These flower the first season from seed, making compact branching plants, 8 to 10 inches in height, covered with delightfully fragrant single flowers. (See illustration.)

4556 Blood-red. Red, shaded orange Pkt. 10c.

4560 Mixed Colors Per 1,000 seeds, 50c.; Pkt. 10c.

Veronica Spicata (Speedwell)

4516 This hardy perennial has become very popular, especially for the hardy border. It grows eighteen inches high, and is covered all summer with spikes of bright blue flowers, which are highly desirable in the garden Pkt. 10c.

Vinca Rosea or Madagascar Periwinkle Annual

Handsome bushy plants, producing freely round single flowers 1 1/2 inches across, suitable for either pot culture or sunny flower beds; flowers the first season if sown early indoors; height 1 1/2 feet.

4522 Rosea. Bright rose Per 1,000 seeds, 50c.; Pkt. 10c.

4524 Rosea Alba. White with rose eye Per 1,000 seeds, 50c.; Pkt. 10c.

4526 Rosea Alba Pura. Pure white Per 1,000 seeds, 50c.; Pkt. 10c.

4530 Mixed Colors Per 1,000 seeds, 40c.; Pkt. 10c.

New Hardy Single Flowering

Sweet-Scented Violet (*Viola Odorata*)

The well-known hardy sweet-scented single-flowering Violet, thriving best in a semi-shaded situation.

4531 The Czar. Large fragrant deep violet flowers Pkt. 25c.

4532 Zariza. This wonderful new variety is similar to the above, but it is distinguished by the delicate rose color of its large flowers borne on stems about eight inches long, fine for cutting and also suitable for pot culture in a greenhouse Pkt. 25c.

Viola Blue Gem or Jersey Gem

4534 Blue Gem is a true perennial, and possesses a very vigorous drought-resisting constitution. The flowers, which have the appearance of large single violets, are produced on six-inch stems and in color are a pleasing shade of violet blue. It is one of the most persistent blooming plants in cultivation. If not permitted to go to seed it will produce quantities of flowers from May to frost. Thrives as well in partial shade as in a sunny location. (See illustration.) Pkt. 35c.

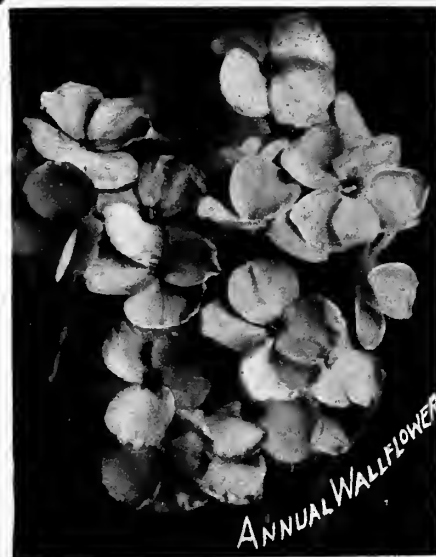
Viola Cornuta Pansy Violets, Tufted or Bedding

This improved strain (*Viola cornuta grandiflora hybrids*) produces beautiful Pansy-like blossoms, about one inch across, of great substance. The colors include white, lemon, orange, lavender, purple, blue, etc. Planted in masses or lines they form perfect mats covered with myriads of flowers from spring until cold weather. They are hardy perennial in character, throwing out new roots annually, fine for permanent beds, edgings, etc. Many of them are highly violet scented.

4535 Mixed Colors Pkt. 15c.

Wistaria, Chinese

4567 The well-known hardy perennial vine; of luxuriant and rapid growth, bearing during the spring immense panicles of fragrant blue flowers in great profusion; grows to height of 75 ft. Pkt. 10c.



Your flowers will respond most graciously in size, form, color and beauty, if you feed them with Henderson's Garden Fertilizer. See page 200.



Zinnia, Henderson's New Giant

(Zinnia Elegans Robusta Plenissima)

These grand annuals are of the Giant or Mammoth-flowering type and are in every way superior to the old-fashioned "Youth and Old Age." Zinnias are now very much in evidence in flower gardens throughout the country, primarily because they will grow and flourish under unfavorable conditions. Given a fair soil, they will bloom continuously from July until frost.

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers measuring from 4 to 6 inches in diameter. Giant Zinnias are one of the best plants for beds, borders and cutting. (See illustration.)

- 4612 Crimson.....Pkt. 10c.
- 4614 Golden-yellow.....Pkt. 10c.
- 4615 Pink Shades.....Pkt. 10c.
- 4616 Purple.....Pkt. 10c.
- 4618 Scarlet.....Pkt. 10c.
- 4622 Sulphur-yellow.....Pkt. 10c.
- 4626 White.....Pkt. 10c.
- 4630 Mixed Colors.....Per 500 seeds, 50c.; Pkt. 10c.

4631 Complete Collection, 7 separate colors for50c.

POT-GROWN PLANTS OF ZINNIAS

We can furnish pot-grown plants of Giant Zinnias, ready April 15th. Price, 15c. each: \$1.50 per dozen. Purchaser pays the transportation. For complete list of pot-grown plants, see page 167.

Zinnia, Improved Dwarf, Large-Flowering

The plants form handsome, compact bushes 2 feet in height, with large, perfectly formed double flowers.

- 4582 Crimson.....Pkt. 10c.
- 4586 Orange.....Pkt. 10c.
- 4588 Purple.....Pkt. 10c.
- 4592 Salmon-rose.....Pkt. 10c.
- 4594 White.....Pkt. 10c.
- 4598 Yellow.....Pkt. 10c.
- 4600 Mixed Colors.....Per 500 seeds, 25c.; Pkt. 10c.

4601 Complete Collection, 6 separate colors for50c.

Desirable Zinnias

4640 Zehra. Large double flowers of perfect shape in such colors as orange, crimson, pink, yellow, violet, rose-scarlet, white, etc., most of which are striped, spotted and blotched with different shades, hardly any two plants producing flowers alike. Mixed Colors. Per 500 seeds, 30c.; Pkt. 10c.

4645 Lilliput. Uncommonly pretty, small branching plants, about 1 foot high, with small, very double flowers in such profusion as to fairly envelop the plant. Mixed Colors.....Pkt. 10c.

4652 Picotee Giant Double. This variety is one of a remarkable new and distinct class of Zinnias, producing double flowers, measuring from 4 to 6 inches in diameter, in the following colors: Orange, yellow, flesh and pink, each petal being tipped with a dark chocolate or maroon shade, giving the flowers a very pleasing appearance, resembling a Picotee Carnation. Mixed Colors.....Pkt. 25c.

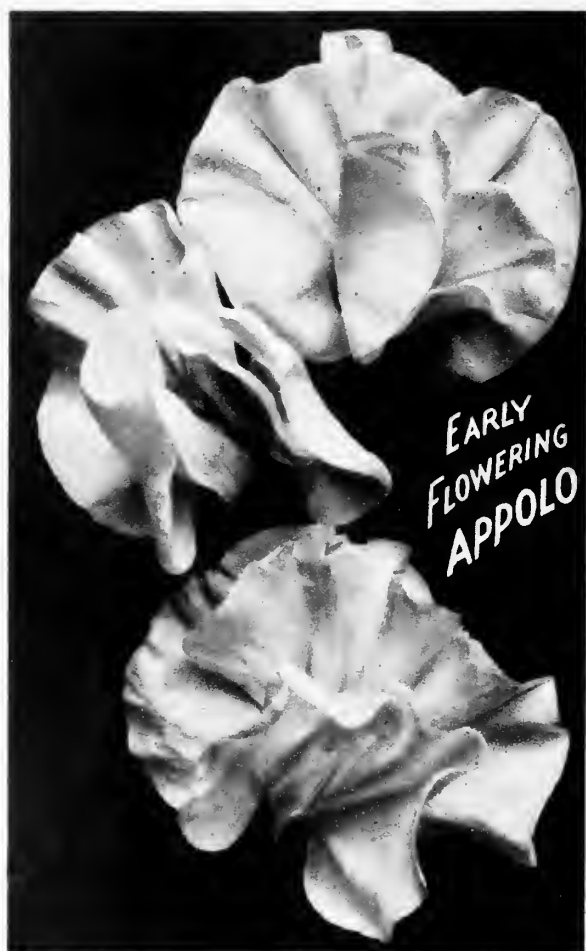
4654 Picotee, Golden Pheasant. A variety of the above, having flowers of a deep orange with maroon tips. (See illustration.).....Pkt. 25c.

4656 Achievement Giant Double Quilled. (Zinnia Elegans Robusta Grandiflora.) This is distinct from all other Zinnias hitherto raised by the shape of its petals, which are partially tubular at the base, and expand in a cactus-like form toward the tip, thereby displaying a rich variety of color, mostly of the warmer shades, such as pale rose, deep rose, salmon, lilac, scarlet and coppery golden yellow. (See illustration.) Mixed Colors. Pkt. 25c.



Grow Sweet Peas in all Their Rainbow Glory

Giant Spencer Orchid-Flowered Sweet Pea Novelties for 1931



EARLY FLOWERING VARIETIES

4308 Early Apollo. The color of early Apollo is a soft salmon cerise, might be described by many as a soft salmon pink self. It is a charming and appealing shade blending perfectly with most pink and lavender shades. The flowers are unusually large, nicely waved, splendidly placed and the stems very long. Truly a great novelty..... Pkt. 25c.

4318 Early Fandango. We have the good fortune to be able to introduce a new duplex Early of a bright rose color. Early Fandango is stronger in growth than Early Duplex Gem or Early Duplex Pioneer and usually four flowers are borne on fine long stiff stems. A few sprays of Early Fandango give the effect of a great number. Those who use the early flowering type will greatly appreciate this addition to the early duplex class..... Pkt. 25c.

4320 Early Fortyniner. In color Early Fortyniner is a deep yet bright orange shade making a glorious bunch. The flowers are large and very bold frequently with double standards and splendidly spaced on the stems. Standards and wings are alike in richness of color..... Pkt. 25c.

4353 Early Pal. This is one of the entirely new shades, it has the lively scintillant pleasing rich rose crimson Early Sweet Pea which growers have been looking for. Most crimson Sweet Peas, grown under glass, lose brightness of color and the same has been true of most rose self colored Sweet Peas. The flowers are of excellent form, large and bold. The vines are vigorous in growth and very free flowering. We predict a long and successful future for Early Pal..... Pkt. 25c.

4386 Early Vogue. This is an improved Early Lavender. The standard is lilac lavender, flushed rosy lavender and wings clear lilac lavender. A special feature of Early Vogue is its refreshing rich old time Sweet Pea perfume. When cut and put in water Early Vogue retains its lovely fresh color..... Pkt. 25c.

LATE FLOWERING VARIETIES

4054 Celebrity. We offer Celebrity as the most vigorous growing orange colored Sweet Pea. In addition to being robust in growth the flowers are unusually large and the stems long and strong. The color is uniform in standard and wings. Pkt. 25c.

4060 Conqueror. A magnificent large clear glowing cherry cerise. The standards and wings are alike in brightness of color. The vivid color suggests a brilliant scarlet red shade. The color is quite distinct from all other varieties we have compared and for its brightness will have a great appeal. The vines are vigorous, and the flowers borne on fine strong stems. The color improves under brilliant sunshine rather than fades and under artificial light is very vivid..... Pkt. 25c.

4089 Eosine. This fine novelty is another result of our crosses made for long stems and vigor of growth. According to the chart, the color is a beautiful tone of Pink with a soft flushing of salmon. It is an unusually large flower and well placed on long stout stems. We predict that Eosine will be a great favorite. Pkt. 25c.

4106 Good Cheer. This grand novelty will delight those who love a long stemmed vigorous growing Sweet Pea. The flowers are huge when well grown and are a lovely shade of deep Rose, both standard and wings being alike in color. Pkt. 25c.

HENDERSON'S
GIANT

Early Flowering
SPENCER SWEET PEAS

Bloom 4 Weeks Earlier Than the Late Spencers, Under Congenial Conditions Producing Profusely Immense Waved Flowers, "Fours" Predominating, on Long Stems

The plants of this new race are of strong constitution, vigorous growth and bloom continuously for about four months if grown under congenial conditions. Grown in the open ground they begin flowering in about 106 days from seed sowing or fully four weeks sooner than late flowering Sweet Peas sown at the same time. It is predicted by Sweet Pea authorities that this race will supplant all other early and late flowering

Sweet Peas for winter flowering under glass, and also for open ground culture in our Southern States—sown preferably in fall or winter. Condensed cultural instructions for garden culture under both northern and southern conditions and for winter flowering under glass are given in Henderson's leaflet, "How to Grow Sweet Peas to Perfection," free to customers.

Varieties of Giant Early Flowering Spencer Sweet Pea

Henderson's packets of Named Sweet Peas contain 40 to 50 seeds. Price of any mentioned below, 15c. per pkt.; 75c. per oz.

4305 Early Alameda. The color is deep rose pink almost approaching the cerise, overlaid with glowing salmon cerise pink. The stems are long and the flowers, mostly fours are well placed. The petals are quite wavy and crinkled adding grace to the large flowers. We have had this tested under glass.

4306 All White. Largest waved, pure white.

4312 Early Aviator. Dazzling crimson-scarlet.

4314 Early Bright Light. A flaming self scarlet. It is absolutely sun proof and in fact the brighter the sun, the brighter the color.

4317 Early Duplex "Pioneer." The color is rose pink on cream ground, added to by the unusual frilliness of the flower. The flowers look double and really are double since often there will be three or four standards and sometimes the wings are also double.

4322 Early Glitters. An attractive orange scarlet.

4328 Early Harmony. A beautiful clear lavender.

4338 Early Hercules. Giant rose-pink flowers, fine form and color.

4341 Early Marine. This is the clearest of all blues either in the late or early class. Both standard and wings carry this truest blue evenly throughout the entire flower. The size is enormous being the largest blue in existence, the standard measuring fully 2 1/4 inches across. The flower is bold, nicely spaced on a very strong stem. The plants are most vigorous and prolific, giving a great abundance of blooms over a long period.

4344 Early Mrs. Kerr. A fine shade of salmon.

4348 New Blue. Beautiful shade of deep blue.

4351 Early Oriental. The flowers appear in fours, this being the rule rather than the exception. The color is clear, deepest cream. The flowers are well waved and most of the flowers have duplexed standards.

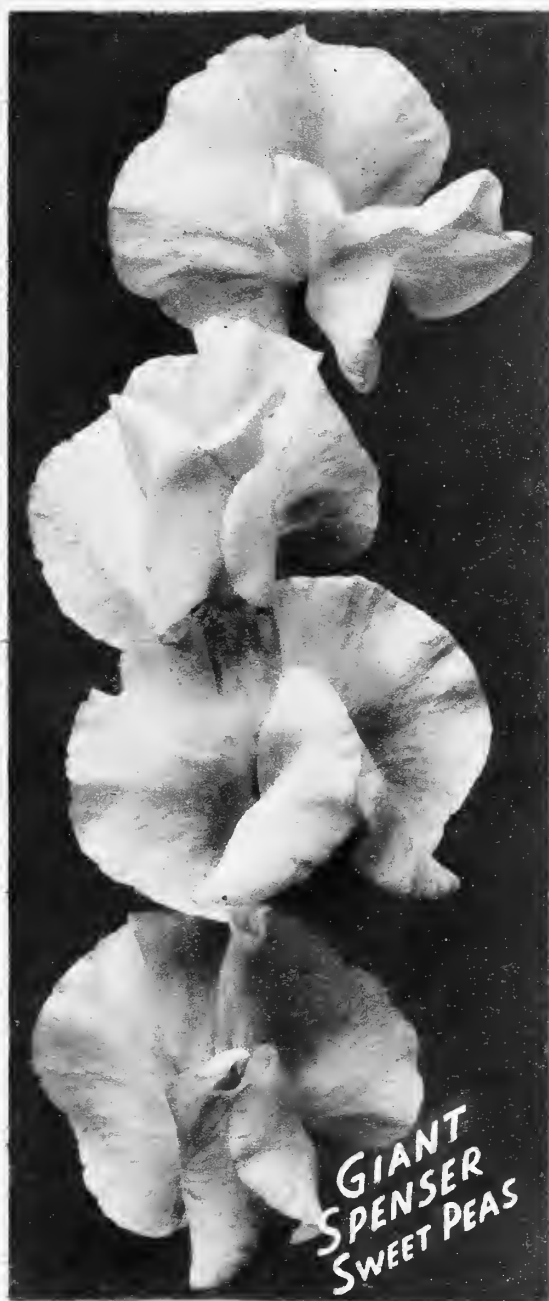
4400 Early Flowering Spencer, Mixed. This exquisite strain contains the delightful, characteristic sweet pea colors in infinite variety. The flowers are identical in size and beauty to the named sorts.

The netting and trellis shown on page 183 will furnish neat and efficient support for your Sweet Peas.

Giant Spencer Sweet Peas

Standard Orchid-Flowered Varieties and Novelties

Price of All Named Sorts: 10c. per Packet; 50c. per oz. Packets Contain from 40 to 50 Seeds.



- 4007 **America.** Striped and flaked brilliant carmine over white; very large.
- 4021 **Avalanche.** Very large pure white. (See color plate I and page 139.)
- 4026 **Barbara.** Beautiful salmon color.
- 4033 **Blue Bird.** A real clear Blue, faintly tinted violet.
- 4035 **Blue Flame.** The largest dark blue Sweet Pea in existence. It is more truly a true deep blue with the standard bearing a little deeper color than the wings. Blue Flame is most unusual for its length of stem and remarkable vigor. Four flowers to the stem is most common and they are well placed.
- 4048 **Bonfire.** A grand large waved flower of fine substance; color soft pink with white wings. (See color plate E and page 139.)
- 4072 **Crimson King.** Large rich deep crimson waved flowers of fine form.
- 4104 **Fortune.** Award of merit, N. S. P. S. A rich dark blue, the wings are real blue, bright and solid; standards of great size, beautifully waved, are real rich violet. (See color plate D and page 139.)
- 4109 **Grenadier.** Large waved flowers of deep cerise. (See color plate J and page 139.)
- 4111 **Gleneagles.** Immense pale lavender blue. (See color plate C and page 139.)
- 4142 **Hero.** A brilliant clear cerise suffused richly with salmon.
- 4148 **Huntsman.** A beautiful shade of scarlet. (See color plate A and page 139.)
- 4158 **Jean Ireland.** Beautiful cream color, edged with deep pink.
- 4164 **Joan Ryder.** Purest white, and of the finest Spencer type; a strong grower, and of wonderfully hardy constitution.
- 4219 **Mary Pickford.** A beautiful light pink, with just the faintest suffusion of salmon. The perfectly formed flowers that are invariably grouped in fours on the long stems are large and decidedly waved. (See color plate O and page 139.)
- 4225 **Miss California.** The color is distinctly new; best described as a soft, salmon cream pink. The large beautiful flowers are borne in fours on extremely stiff stems.
- 4245 **Olympia.** Deep rich purple of exquisite form; large flower. (See color plate P and page 139.)
- 4258 **Picture.** The color is a blending of cream and pink with a deeper flush of pink on the wings. There is no Sweet Pea grown larger than this variety.
- 4249 **Pinkie.** The beautiful rose-pink tone of the flower is free from the "blueness" of other deep pinks, and in a bunch it is glorious. (See color plate G and page 139.)
- 4228 **Miss Delight.** Magnificent double Sweet Pea having beautifully waved petals. There is a duplexing of both standard and wings, giving the appearance of the true double form. The color is best described as a warm light salmon pink on cream ground with a decided amber suffusion, which gives life to the blossom.
- 4252 **Prince of Orange.** A large, orange variety. It is a deeper, richer, and more brilliant orange than any other variety of this class.
- 4261 **Ripples.** A charming rose pink variety of gay and pleasing shading. The flushed rose on deep cream ground appears intensified in the center of the standard and edges of the wings. The stems are long and bear the four flower sprays artistically. It is a strong grower and will be a welcome addition to the exhibitor's display as well as for garden decoration.
- 4282 **Senator Spencer.** A large and fine striped; seal-brown and claret flakes on white.
- 4285 **Supreme.** A new variety with beautiful large flowers of a soft clear pink. (See color plate F and page 139.)
- 4286 **Sunset.** The general effect of this flower is that of the ruddy glow of the setting sun. A beautiful combination of rose, amber and gold. (See color plate M and page 139.)
- 4287 **Tangerine.** Brilliant orange or tangerine colored flowers. The large flowers and long stems make this one of the most effective Sweet Peas grown. (See color plate K and page 139.)
- 4288 **The Prince.** Bright clear crimson. (See color plate L and page 139.)
- 4289 **Valentine.** A new variety with large flowers of a most pleasing shade of light pink.
- 4295 **Warrior.** Handsome large waved flowers of a deep maroon. (See color plate B and page 139.)
- 4297 **Wembley.** Beautiful shade of lavender suffused with plumbago blue. (See color plate N and page 139.)
- 4298 **What Joy.** Primrose yellow shading to cream. (See color plate H and page 139.)

Henderson's Mixed Giant Spencer Sweet Peas

4300 An unsurpassable mixture. Composed exclusively of Giant Waved Spencer varieties, blended in proper proportions of bright colors, selfs and art tints, also including several new hybrids of exquisite colors and shades. Per pkt. (75 to 100 seeds), 10c.; per oz. (400 to 500 seeds) 30c.; per ¼ lb., 85c.; per lb., \$3.00. (One ounce will sow a double row twenty feet long.)

Sweet Peas, Grandiflora Varieties.

The size and beauty of the Giant Waved Spencer Sweet Peas has reduced the demand for the Grandiflora types, so that we now offer only popular sorts for sowing in quantity for cut flowers or garden decoration.

(PRICE FOR ANY OF THE FOLLOWING) 10c. per pkt. (about 75 seeds); 20c. per oz. (300 to 400 seeds); 60c. per ¼ lb.; \$2.00 per lb.

- 4406 **Blanche Ferry.** The popular rose-pink with blush-white wings.
- 4412 **Dorothy Eckford.** For years the best white.
- 4418 **King Edward.** The splendid old rich crimson-scarlet.
- 4422 **Lady Grisel Hamilton.** Beautiful silvery lavender.
- 4424 **Lord Nelson.** Rich indigo-blue.
- 4426 **Miss Willmott.** Orange rose.
- 4428 **Prima Donna.** Exquisite clear light pink.

Mixed Grandiflora Sweet Peas

4430 This splendid mixture of Grandiflora types is a studied formula containing proportions of various bright colors and shades.

Price per pkt. (about 75 seeds), 10c.; per oz. (300 to 400 seeds), 15c.; per ¼ lb., 50c.; per lb., \$1.50.

Our 24 page booklet, **Henderson's Flowers for American Gardens**, tells you in a clear, easily understood manner, how to grow all the flowers offered in this catalog. Ask for a copy—it's free.

138 Have a Reserve Garden for Favorite Flowers—Grow Plenty

Henderson's "Royal" Collection of Giant Spencer ORCHID FLOWERED Sweet Peas

Sixteen of the Best Varieties Shown in Colors on Opposite Page and Described Below

4301 COLLECTION. ONE PKT. EACH OF THE SIXTEEN VARIETIES FOR \$1.00 POSTPAID.

4304 COLLECTION. ONE OUNCE 400 TO 500 SEEDS EACH OF THE SIXTEEN VARIETIES FOR \$6.00 POSTPAID.

Sweet Pea evolution is constantly producing additions to the glorified race of "Spencers" soon destined to supersede the older types, and in this collection we include a number of the most recent.

The characteristics of the Spencer Sweet Peas, grown under congenial conditions, are: robust growth, the plants attaining a height of from 6 to 10 feet, requiring for full development to be from six inches to a foot apart. The flowers are giants among Sweet Peas, measuring 2 to 2½ inches across. They are beautifully formed with huge standards, open and upright, and immense wings gracefully poised. Both standards and wings are daintily waved, the undulations reflecting high lights

and casting shadows in the depth, thus showing a varied harmony of tones which greatly enhances the coloring. Three and often four of these queenly blossoms are borne on long, strong stems, rendering them unsurpassable as cut flowers for vases, bouquets and other decorations. Their long-continued profusion of bloom is phenomenal, but accounted for by the fact that a majority of the flowers of true Spencers fall as they fade—before the seed pod is formed—thus continuing the succession of bloom—for as all know when Sweet Peas set pods, the flowering diminishes.

Henderson's "Royal" Collection Chosen by the Floral Committee of the National Sweet Pea Society

In offering this collection, we do so in the full confidence that it is without question the best selection of Sweet Peas that it is possible to group. This claim is made not only on our own recommendation, but also on that of the highest authority on Sweet Peas, namely: The Floral Committee of the National Sweet Pea Society, who at their annual meeting in London last year chose the varieties in the "Royal" collection as the best in each of the color classes.

Key to
Plate

- A. 4148 **Huntsman**. A beautiful shade of scarlet.
- B. 4295 **Warrior**. Handsome large waved flowers of a deep maroon.
- C. 4111 **Gleneagles**. Immense pale lavender blue.
- D. 4104 **Fortune**. Award of merit, N. S. P. S. A rich dark blue; the wings are real blue, bright and solid; standards of great size, beautifully waved, are real rich violet.
- E. 4048 **Bonfire**. A grand large waved flower of fine substance; color soft pink with white wings.
- F. 4285 **Supreme**. A new variety with beautiful large flowers of a soft clear pink.
- G. 4249 **Pinkie**. Flowers of largest size rose pink.
- H. 4298 **What Joy**. Primrose yellow shading to cream.
- I. 4021 **Avalanche**. Very large pure white.
- J. 4109 **Grenadier**. Large waved flowers of deep cerise.

Key to
Plate

- K. 4287 **Tangerine**. Brilliant orange or tangerine colored flowers. The large flowers and long stems make this one of the most effective Sweet Peas grown.
- L. 4288 **The Prince**. Bright clear crimson.
- M. 4286 **Sunset**. The general effect of this flower is that of the ruddy glow of the setting sun. A beautiful combination of rose, amber and gold.
- N. 4297 **Wembley**. Beautiful shade of lavender suffused with plumbago blue.
- O. 4219 **Mary Pickford**. A beautiful light pink, with just the faintest suffusion of salmon. The perfectly formed flowers that are invariably grouped in fours on the long stems, are large and decidedly waved.
- P. 4245 **Olympia**. Deep rich purple of exquisite form; large flower.

Mixed Giant Spencer Sweet Peas, Henderson's Superior Blend

An unsurpassable mixture. Composed exclusively of Giant Waved Spencer varieties, blended in proper proportion of bright colors, selfs and art tints, also including several new hybrids of exquisite colors and shades.

4300 Henderson's Mixed Giant Spencer Sweet Peas

Per pkt. (75 to 100 seeds), 10c.; per oz. (400 to 500 seeds), 30c.; per ¼ lb., 85c.; per lb., \$3.00.

(One ounce will sow a double row twenty feet long)

Henderson's Giant Spencer Sweet Peas Win Praise Wherever Grown

"I am sending you a picture of your Collection of Sweet Peas which at the time of frost (Sept. 10th) were 12 feet high. The ones directly in front of me are the Mary Pickford and Lord Lascelles. I wish you could have seen the beauty and proportion of these magnificent flowers."

D. O. COWEN,
Skaqway, Alaska.

"My Giant Spencer Sweet Peas last year from the No. 4301 Collection were the talk of the town. They truly were the most beautiful I ever saw."

Mrs. A. L. CULP,
Johnstown, Penna.

"I had your collection of Giant Spencer Sweet Peas last year and want to congratulate you at this time on your wonderful and beautiful collection. They were admired by all who saw them. They were planted in new ground and bloomed until late fall."

Mr. JOHN L. WINDAS,
Maplewood, N. J.

"I have beautiful Giant Spencer Sweet Peas raised from your seed, and have taken the prizes on them at our local flower shows. Many ask where I get them and I always say Peter Henderson."

Mrs. WALTER HARRIS,
Prattsburg, N. Y.

Brief Cultural Directions

Sowing Sweet Pea Seeds in the Open Ground. When Sweet Peas are to be grown from start to finish in the open ground the seeds should be sown at the earliest possible date in spring, even before frosts are over, for they are quite hardy. But of course this cannot be done until the ground is dry enough to work, i.e., is crumbly, not wet and sticky. The object of early sowing is to give the roots as long a time as possible to develop before the warm weather excites the tops into rapid growth. Slow sturdy top growth and a well developed root-system, roots clear down to the cool, rich, moist lower layers of soil before hot weather, is one of the secrets of success. After the ground has been prepared, raked and leveled, draw a flat furrow with a hoe about 6 inches wide and 3 inches deep and plant the seeds 2 to 3 inches apart zigzag along the center of the furrow, cover with about 1 inch of soil, then tramp firm with the feet; this will leave the seeds in a light depression which will hold moisture and hasten germination. When the seedlings have attained a height of 2 to 3 inches they should be thinned out to remain 6 to 12 inches apart, the greater distance is advised for trench culture if the plants are expected to develop their maximum capacity. Cultivation should begin just as soon as the plants are large enough to keep the surface of the ground loose, admit air and conserve the soil's moisture. At each of the earlier hoeings draw a little of the ridged soil into the furrow about the plants until it is all level. This gets the roots down deeper where they are less susceptible to the drying out effects of hot weather. We do not believe in ridging up the young seedlings as ridges turn the water away. The vines are of course to be supported by brush or netting.

Henderson's New Booklet "How to Grow Sweet Peas to Perfection"—Free to customers when asked for. Includes growing Sweet Peas for garden decoration, cut flowers, exhibition and staging. Fall sowing for warm climates, winter forcing, etc., also cultural methods of prize winners at Sweet Pea Shows.



HENDERSON'S
ROYAL
 COLLECTION OF

SIXTEEN GIANT SPENCER SWEET PEAS
 PRICE 1pkt each \$100 POST PAID

SEE OPPOSITE PAGE



Henderson's "SPLENDOR" Collection of 10 Modern Gladiolus, Price \$1.50 postpaid

Henderson's

"Splendor" Collection of Ten Modern Gladiolus

Illustrated in Colors on Opposite Page and Described Below

This is a Grand Collection of moderate priced Gladiolus. All are of the modern large-flowering type, strong, healthy growing and free blooming. Every variety comprising the set is a gem. The colored page opposite conveys an idea of the wide range of exquisite coloring, but it does not begin to do the flowers justice; no brush can. They must be seen to be appreciated, and we hope a large number of our patrons will avail themselves of opportunity to glorify their gardens the coming summer with this collection. Our leaflet "Garden Culture of Gladiolus" sent with each collection.

Prices for the "Splendor" Collection of Gladiolus

Delivered transportation paid in the United States

Collection A 10 Bulbs, one of each variety \$1.00

Collection B 60 Bulbs, six of each variety \$5.00

Key to Plate	Prices		
	Each	Doz.	100
A. Herada. Pure glistening mauve with deeper markings in throat.....	\$.10	\$1.00	\$ 7.50
B. Albania. Pure glistening white flower, wide open, over four inches in diameter, petals broad with well rounded tips. The finely ruffled edges of the petals give to the individual flower an artistic finish.....	.10	1.00	7.50
C. Mrs. Dr. Norton. La France pink, shading to very pale pink at throat. Lower petals have deep cream bases with carmine pencilings.....	.10	1.00	7.50
D. Purple Glory. Deep velvety maroon red with almost black blotches. Ruffled.....	.20	2.00	15.00
E. Orange Glory. A beautiful "Ruffled Glory" Gladiolus, having large waved flowers of rosy-orange color, lighter in throat, distinct.....	.15	1.50	12.00
F. Rose Ash. Beautiful large flowers of old rose shading to ashes of roses on outer edges, lower petals light yellow, spotted ruby.....	.10	1.00	7.50

Key to Plate	Prices		
	Each	Doz.	100
G. Scarlet Wonder. A real Giant. This is, without doubt, the most beautiful scarlet variety yet introduced. Plant four to five feet high, with broad stalky dark green foliage and compact truss of great rich velvety deep scarlet flowers.....	\$.20	\$2.00	\$15.00
H. Baron Hulot. Full round flowers of rich velvety purple-violet, lighter in the throat; a small golden rib through the lower petals is contrastingly effective; splendid tall, well furnished spike.....	.12	1.25	9.00
I. Schwaben. Light yellow with small red blotch. The best flowering sort of this color.....	.12	1.25	9.00
J. Mrs. Frank Pendleton. Immense round flowers of great substance. Coloring most attractive; vivid pink toning off blush, the lower petals being further ornamented with large velvety blood-red blotches in the throat. Tall, strong grower.....	.10	1.00	7.50

Gladiolus, New Introductions

Below we offer an exceptional selection of this favorite flower, recently produced by the leading American and European hybridizers. All of these are very high class and of great beauty and have been awarded prizes and Certificates of Merit at various Gladiolus and Flower Shows.

They are equally desirable for exhibition and garden decoration.

Hollyhock. A striking novelty of merit. Color white with just enough cream to give character. Lower petals blotched violet-red. The large, round, ruffled flowers are apt to be top heavy and the spikes should always be securely staked. Wonderful as an exhibition cut flower. Price 25c. each; \$2.50 per doz.

Joergs White. A beautiful large flowered white, with a shading of cream in throat and lower petal having a light crimson veining. A most satisfactory variety. Price 40c. each; \$4.00 per doz.

Los Angeles. Beautiful shrimp pink with glowing orange carmine blotch in throat, tall and graceful stems. One of the best forcing varieties for florists, most bulbs blooming with two spikes. Price 15c. each; \$1.50 per doz.; \$12.00 per 100.

Mrs. Leon Douglas. Begonia rose striped with flame and slightly speckled with ruby. One of the most popular varieties grown today. Price 15c. each; \$1.50 per doz.; \$12.00 per 100.

Paul Pfitzer. Glowing deep violet purple, beautiful color, large blooms on tall sturdy spikes. Flowers nicely ruffled, an exceptional fine Gladioli. Price 30c. each; \$3.00 per doz.

Pfitzer's Triumph. Enormous blooms of a bright salmon-orange color, with small deeper throat blotch. Almost a self color, two to four blooms open at once. Striking for exhibition purposes. As an outdoor flower it needs staking to withstand rain and wind. No other variety of recent introduction has created the sensation in the show room which has been accorded this grand novelty. Price 50c. each; \$5.00 per doz.

Prince of India. Color varies from light to deep smoky gray, many of the petals being zoned and banded and freely penciled with dark slaty blue mottled with white. A most remarkable mixture of colors and one of the greatest oddity and beauty. Price, 30c. each; \$3.00 per doz.

Veilchenblau. The leading Blue Gladiolus. The first large vigorous violet blue Gladiolus. Has a darker blotch on the lower petals, which adds to the beauty of the flower. Color suggests that of the Iris. Price 50c. each; \$5.00 per doz.

Yvonne. Large and lovely blotched blush. Truly sensational. Very vigorous. We predict a great future for this variety. Price 25c. each; \$2.50 per doz.; \$18.00 per 100.

W. H. Phipps. La France Pink, overlaid with light rose-salmon. Lighter towards the center and with lightly speckled ruby throat markings. From twelve to twenty florets open at a time. A novelty which will cause you to exclaim with wonder. Price 15c. each; \$1.50 per doz. \$12.00 per 100.

All Gladiolus bulbs are delivered transportation charges paid in the United States.

Henderson's Up-to-Date Named
Varieties of

Gladiolus



The list of named Gladiolus offered on this and the succeeding pages comprises our choice in the fields after studying and comparing the merits of hundreds of varieties, consideration being given to healthy growth, size, form, coloring and substance of flowers, properly spaced and faced on strong, straight, upright spikes, etc. We therefore believe that this selection of up-to-date named Gladiolus is unsurpassable.

All Gladiolus Bulbs are delivered transportation paid.

	Prices		
	Each	Doz.	100
Albania. Pure glistening white flower, wide open, over four inches in diameter, petals broad with well rounded tips. The finely ruffled edges of the petals give to the individual flower an artistic finish. (See color plate, page 140.).....	\$0.10	\$1.00	\$ 7.50
America. Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. A touch of Tyrian rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike.....	.08	0.80	6.00
Anna Eberius. A vigorous growing variety producing well set spikes 3 to 4 feet high. The color is rich, deep claret with cardinal shading on lower lip. An outstanding variety.....	.10	1.00	7.50
Attraction. Very large Amaryllis-like flowers of rich crimson and having a large white throat blotch on the three lower petals, making an effective and striking contrast; tall, strong, well furnished spike.....	.12	1.25	9.00
Baron Hulot. Full round flowers of rich velvety purple-violet, lighter in the throat; a small golden rib through the lower petals is contrastingly effective; splendid tall, well furnished spike. (See color plate and page 140.).....	.12	1.25	9.00
Captain Boynton. Beautiful lavender with deeper blotch on lower petals; perfectly placed, large flowers on tall, strong stem; an excellent variety and early forcer.....	.12	1.25	9.00
Caruso. Orange red. Earliest of all red Gladiolus. Large flowers, fine spike, strong stem. A real good one.....	.15	1.50	12.00
Catherine. Considered by fanciers to be the finest lavender Gladiolus grown. The large showy flowers are further enhanced by the purplish maroon blotches at throat.....	.12	1.25	9.00
Crimson Glow. The flowers of this vivid scarlet red Gladiolus when well grown are fully twice the size of that shown. They are produced on full, long spikes and the flowers develop wide open. An exhibition and garden variety per excellence.....	.08	.80	6.00
E. J. Shaylor. Tall spike, beautiful large blooms of a clear, deep rose pink.....	.08	.80	6.00
Elizabeth Tabor. A fine novelty, the first to bloom, receiving the Award of Merit from the American Gladiolus Society. Flowers large, petals rosy pink on white ground, lower ones bearing a dark crimson blotch, a very desirable sort.....	.12	1.25	9.00
Empress of India. Rich, dark maroon, one of the darkest colored varieties.....	.12	1.25	9.00
Evelyn Kirtland. The flowers of strong substance, beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches on lower petals, with entire flower showing a glistening lustre. Very tall spike. Extra fine form and color.....	.10	1.00	7.50
Fay Lanphier. A California introduction and a very valuable acquisition. Color, a warm watermelon pink suffused coral, often having a crystalline texture on the petals as if frosted, with flowers, often five or six inches broad. It has strength and vigor, producing tall, strong spikes on which many flowers open at one time.....	.20	2.00	15.00
Fern Kyle. Creamy white; large, heavily ruffled flowers, many open at a time on long, strong stem; a wonderful refined variety....	.12	1.25	9.00
Golden Measure. Pure golden yellow, very large flowers of good substance; robust grower and considered one of the best yellows on the market.....	.12	1.25	9.00
Halley. Immense flowers of bright orange-rose and having a softer yellowish tint in the throat.....	.08	.80	6.00
Herada. Pure glistening mauve with deeper markings in throat. (See color plate and page 140.).....	.10	1.00	7.50
Lavender Princess. A Grand introduction, flowers resembling an orchid. The color is a beautiful tinted lavender with cerise markings in the throat and it is a fine acquisition in this color class.....	.20	2.00	15.00

GLADIOLUS—Henderson's Up-to-date Named Varieties—Continued

	Price		
	Each	Doz.	100
Le Marechal Foch. A recent introduction having enormous flowers of a beautiful delicate pink, the finest variety of its color in existence.....	\$.08	\$.80	\$6.00
Louise. Orchid lavender with light purple blotch in throat, a beautiful color combination.....	.12	1.25	9.00
Mrs. Dr. Norton. La France pink, shading to very pale pink at throat. Lower petals have deep cream bases with carmine pencilings (See color plate page 140).....	.10	1.00	7.50
Mrs. Frank Pendleton. Immense round flowers of great substance. Coloring most attractive; vivid pink toning off blush, the lower petals being further ornamented with large velvety blood red blotches in the throat. Tall, strong grower. (See color plate page 140).....	.10	1.00	7.50
Mrs. Francis King. A most beautiful and vivid pink; 18 to 20 immense flowers borne on a long, strong spike.....	.10	1.00	7.50
Mrs. H. E. Bothin. Flesh salmon pink, flame scarlet center, heavy ruffled, strong spike; a fine cut flower variety.....	.10	1.00	7.50
Orange Glory. A beautiful new "Ruffled Glory" Gladiolus, having large waved flowers of rosy-orange color, lighter in throat distinct. (See color plate, page 140).....	.15	1.50	12.00
Peace. Grand large flowers, white with claret blotch on lower petal and pale lilac featherings.....	.10	1.00	7.50
Persia. Deep mahogany red, almost black....	.12	1.25	9.00
Pink Wonder. An exquisite pale pink with just a trace of rose feathering in the throat. It is a strong, upright grower, flowers large and strong.....	.12	1.25	9.00
Purple Glory. Deep velvety maroon red with almost black blotches. Ruffled. (See color plate and page 140).....	.20	2.00	15.00
Rose Ash. Beautiful large flowers of old rose shading to ashes of roses on outer edges, lower petals light yellow, spotted ruby. (See color plate, page 140).....	.10	1.00	7.50
Scarlet Wonder. This is without doubt the most beautiful scarlet variety yet introduced. Plant four to five feet high, with broad stalky dark green foliage, and compact truss of great rich fiery crimson flowers. (See description and color plate, page 140)....	.20	2.00	15.00
Schwaben. Light yellow with small red blotch. The best flowering sort of this color. (See color plate, page 140).....	.12	1.25	9.00
War. A magnificent variety of rich ox-blood red; shaded with darkest crimson.....	.12	1.25	9.00
White Wonder. A large perfect white exhibition Gladiolus. The reflex of petals shows a delicate trace of pink.....	.10	1.00	7.50



Gladiolus Primulinus Hybrids

This beautiful type is a development of recent origin, being the result of crossing the wild species of Gladiolus Primulinus discovered in South Africa, with many of the various allied species and selected garden varieties.

The predominating characteristics of these Hybrids are: early flowering, extreme gracefulness and profuseness of bloom, together with a most enchanting array of rich and artistic colors.

	Each	Doz.	100
Alice Tiplady. A grand Primulinus variety of a beautiful orange-saffron color.....	\$.08	\$.80	\$6.00
Dorothy Wheeler. Same form and size as Alice Tiplady, but taller. Superb shade of pink. Easy forcing variety.....	.10	1.00	7.50
Flaming Sword. A beautiful bright red variety heavily set with florets; four to six open at the same time.....	.10	1.00	7.50
Jewell. A large open flower of beautiful salmon-pink with golden yellow throat, tall and erect, early flowering.....	.10	1.00	7.50
Maiden's Blush. Exquisite blush pink, finely formed flowers on wiry stems. Very free flowering and exceedingly early. Considered the best of all early pink Primulinus.....	.08	.80	6.00
Ming Toy. A fine large Primulinus of a buff hue, with buff yellow throat. Very tall and highly prized for indoor decoration.....	.10	1.00	7.50
Myra. An aesthetic color combination that wins admiration through its sheer beauty. The general effect is salmon rose, lower petals yellow with claret feathering, flowers open in fours and are very large for the Primulinus type.....	.08	.80	6.00
Rose Luisante. Deep brilliant pink, tall, well balanced spike.....	.10	1.00	7.50
Souvenir. Most superb deep yellow self. Tall-stemmed large hooded flowers facing forward, 4 to 6 open at the same time. Early.....	.10	1.00	7.50
Mixture. A grand collection of popular tints; contains valuable seedlings.....	.07	.70	5.00

Gladiolus in Mixtures

All Large Size Flowering Bulbs—Not Seconds that are Sold at Lower Prices

	Doz.	100
Henderson's Extra Choice Rainbow Mixture. Our best mixture. A well blended combination of all colors and shades Per 1,000; \$35.00.....	\$0.50	\$4.00
White and Light Varieties Mixed.....	.80	6.00
Pink and Rose Colored Varieties Mixed.....	.80	6.00
Red and Scarlet Varieties Mixed.....	.80	6.00
Yellow, Salmon and Orange Colored Mixed.....	.80	6.00
Blue Hybrids Mixed	1.00	7.50
Primulinus Hybrids, Fine Varieties Mixed.....	.70	5.00

All Gladiolus Bulbs are delivered transportation paid.

144 These Bulbs Grow Quickly—Very Showy—Easy Culture

The bulbs offered on this page include some of our showiest garden flowers. They are of easiest culture; planted in spring in good garden soil, they flower with great certainty during the summer and fall. After the tops have been killed off by frost, all of the bulbs (with the exception of Cinnamon Vine) should be taken up and stored in the cellar over winter.

If the planting season should have become well advanced, those who have neglected to plant flower seeds will find that they may still have slightly flower beds on the lawn or in the garden by planting these bulbs. They are also very useful to fill up vacant spots in a Hardy Border of Perennials adding to it a dash of color here and there.



Caladium Esculentum

or "Elephant's Ear"

Grand, tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. They produce enormous leaves frequently 4 feet long by 3 feet wide; height 4 to 5 feet. (See illustration.)

First Size. Price, 30c. each; \$3.00 per doz.

Extra Size. Price, 50c. each; \$5.00 per doz. (Transportation paid.)

Cinnamon Vine

A beautiful, hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet high, and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. A very charming effect may be produced by training Cinnamon Vines on the Henderson knockdown Trellis offered on page 184. Price, extra large, 2-year-old roots, 20c. each; \$2.00 per doz. (See illustration.) (Transportation paid.)



Crinum

Kirkii. Produces flowers of the greatest beauty. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel of enormous Lilylike flowers, of white, with a reddish purple stripe through the center. Extra large bulbs, 50c. each; \$5.00 per doz. (Transportation paid.)

Henderson's Special Mixed Annual Flower Seeds

4740 A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution. Price, oz. 25c.; ½ lb. 75c.; lb. \$2.00; post paid.



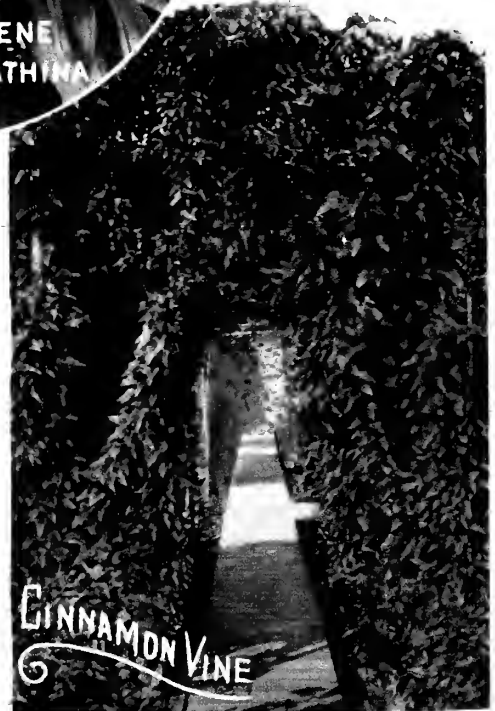
Hyacinthus Candicans

A luxuriant-growing, summer-flowering plant, spreading 2 to 3 feet, throwing spikes 4 to 5 feet in height, each bearing 20 to 30 large, white, bell-shaped flowers, splendid for groups. If planted in the center of beds of scarlet Gladiolus, the effect is magnificent. Price, 15c. each; \$1.50 doz.; \$12.00 per 100. (Transportation paid.)

Isemene Calathina

(Peruvian Daffodil)

Handsome clusters of large, very striking, fragrant pearly white flowers. Bulbs should be kept warm and dry and planted out in the middle of May. They will then commence flowering in July. It is also admirably adapted for pot culture. Price, 25c. each; \$2.50 per doz. (Transportation paid.)



We import all the largest and best Spring Flowering Bulbs that come to the U. S. comprising standard varieties and choice novelties of Tulips, Hyacinths, etc. All described and especially low priced in Henderson's Import Fall Bulb Catalog ready May 1st. Send for a copy and let us book your order for importation and delivery next fall.



Madeira Vine

The old favorite, "Climbing Mignonette," so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. The tubers we offer are selected large size. Price, 15c. each; \$1.50 doz.; \$12.00 per 100. Transportation paid.

Montbretia

The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants, producing in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers, 1½ to 2 inches across.

Mixed Hybrids. Containing a fine assortment of yellow, orange and scarlet shades. (See illustration.) Price, 10c. each; \$1.00 per doz.; \$7.50 per 100. Transportation paid.

Tuberose, Single Early Flowering Albino

A single white Tuberose. It commences to flower in July and August, throwing from two to five flower spikes from a single bulb. Beautiful for gardens and a splendid cut flower. Price, 10c. each; \$1.00 per doz.; \$7.50 per 100. Transportation paid.

Tuberose, Henderson's Double Dwarf Pearl

Plant dwarf, growth stocky, the flower spikes attaining a height of about 2 feet, and are compactly filled for two-thirds their length with very large, perfectly double flowers 1½ to 2 inches across, or nearly twice the size of the old sort. The flowers have the wax-like substance of a camelia, are glistening white and deliciously fragrant. The bulbs planted in the garden in May, in warm rich soil, in a sunny position, flower with great certainty in the fall. If early flowers are wanted, the bulbs may be started in pots in the house from February to April, removing the plants to open ground when it is warm enough in May. (See illustration.) Price, extra large flowering bulbs, 8c. each; 75c. per doz.; \$5.00 per 100. Transportation paid.

Tuberose "Silver Leaf"

Showy and effective, even when not in bloom, the foliage being distinctly striped white and green. Each bulb frequently throws up two or more spikes, 3 to 4 feet high, each bearing several pure white, single waxy flowers, delicately perfumed. They flower several weeks earlier than double Tuberoses. Price, 10c. each; \$1.00 per doz.; \$7.50 per 100. Transportation paid.

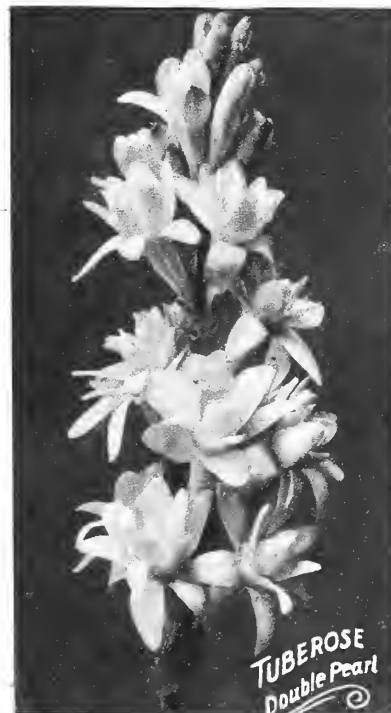
Tigridias or Shell Flowers

Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers, in shades of yellow orange and red, exquisitely spotted, flowering very freely throughout the summer. (See illustration.)

Price 15c. each, \$1.50 per doz., \$12.00 per 100.

Henderson's
Special
Mixed
Annual
Flower
Seeds

4740 A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution. Price, oz. 25c.; ¼ lb. 75c.; lb. \$2.00; postpaid.



"The bulbs I purchased from you have given great satisfaction. The Madonna Lilies especially were wonderful. Last season one stalk had 17 Lilies on it."
Mrs. C. W. Youngs, Morris Plains, N. J.

HARDY LILIES (Lilium Vars)

Majestic and Charming in the Hardy Garden

Lilies are stately and most beautiful bulbous plants—producing large flowers of exquisite outline and varied coloring. They are hardy even in cold locations with protection, and usually surviving for many years. Ideal locations are in the shrubbery or herbaceous border where the roots are sheltered from the hot sun. Groups of 6 or more lilies of a kind, here and there, in such situations are most effective. Large isolated clumps or beds of the varieties *Auratum*, *Henryi*, *Speciosum*, *Tigrinum*, etc., are also very beautiful. They should be planted just as soon as the ground can be worked 6 to 8 inches below the surface in light soils, or 4 to 5 inches below in heavy soils; in the latter case the bulbs should be surrounded by sand to facilitate drainage.

***Auratum*.** (The Golden Rayed Lily of Japan.) The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across and possess a most delicious fragrance. Season of bloom from July to October. 3 to 5 feet. (See illustration.) Extra size bulbs, 50c. each; \$5.00 doz.; \$37.50 per 100.

***Henryi*.** (The Yellow *Speciosum*.) A new rare and very beautiful Lily from China. It is very hardy, and without doubt one of the best Lilies for garden culture. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each, rich apricot-yellow, lightly spotted with brown. The shape and size of the flowers has suggested the name "Yellow *Speciosum*." 75c. each; \$7.50 doz.; \$60.00 per 100.

***Longiflorum Giganteum*.** The well-known, beautiful snow white, fragrant, hardy garden lily. Flowers trumpet-shaped, 6 to 8 inches long; height 1 1/2 to 3 feet. Extra size Bulbs, 40c. each; \$4.00 doz.; \$30.00 per 100.

Regale ("A Royale Beauty"). The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center; blending out part way up the trumpet. The fragrance is fascinating. A splendid hardy Lily for the garden, flowering about July 1st. Well-grown bulbs often produce five to eight blooms. 50c. each; \$5.00 doz.; \$35.00 per 100. (See illustration.)

***Speciosum* or *Lancifolium*.** The varieties of *L. Speciosum* or *Lancifolium* are perhaps the most popular Lilies grown. They are easy of cultivation, and produce large flowers of delicate beauty on strong stems; height, from 2 to 4 feet; blooming in August. The varieties are: (See illustration.)

***Speciosum Album*.** White. Largest bulbs, 60c. each; \$6.00 doz.; \$45.00 per 100.

***Speciosum Rubrum* (Roseum).** White, shaded and spotted with rose and red. Largest bulbs, 60c. each; \$6.00 doz.; \$45.00 per 100.

***Speciosum Melpomene*.** Rich blood-crimson, heavily spotted. Largest bulbs, 60c. each; \$6.00 doz.; \$45.00 per 100.

***Tigrinum Splendens*.** (Improved Tiger Lily.) The grandest of the Tigers, black polished stem, sometimes 6 feet high. Very large pyramids of flowers, orange red, spotted with black, 3 to 5 feet high. Blooms in August. 25c. each; \$2.50 doz.; \$18.00 per 100.

***Tigrinum Flora Plens*.** (Double Tiger Lily.) Double bright orange-red flowers spotted with black. Blooms in August. 30c. each; \$3.00 doz.; \$20.00 per 100.

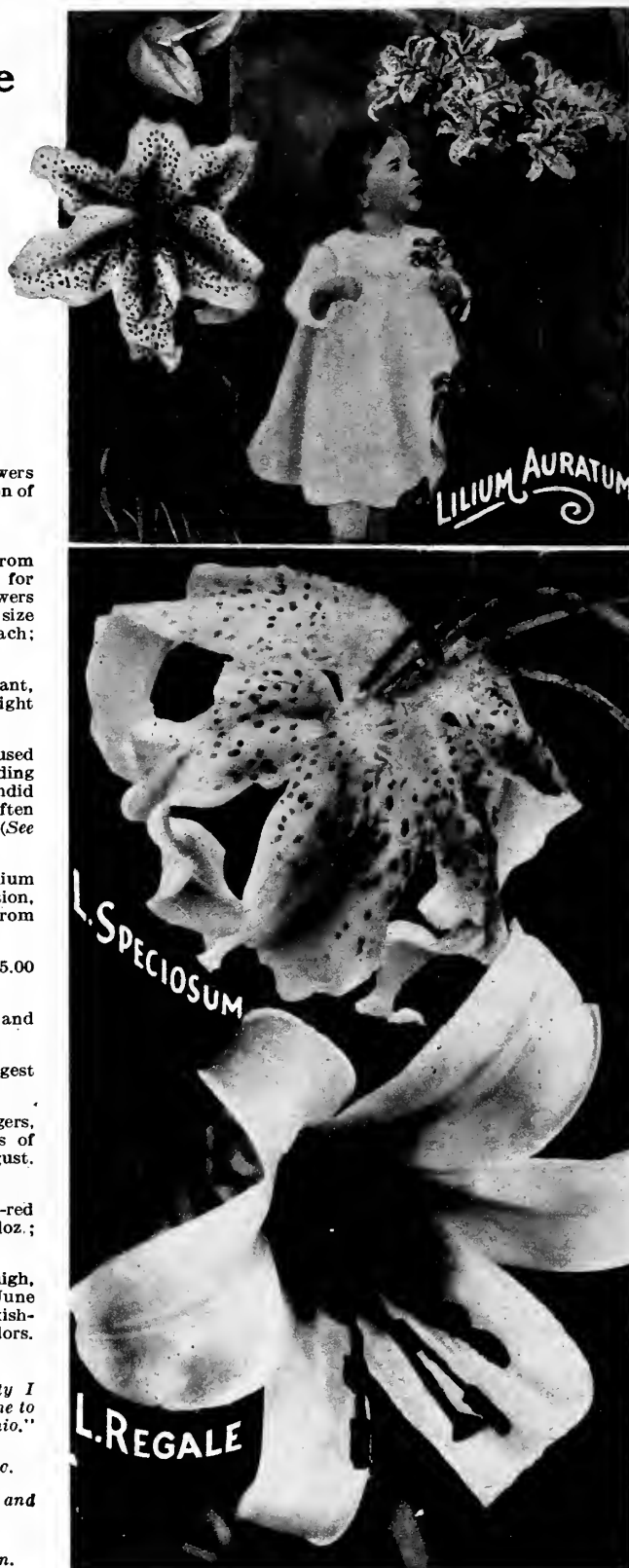
***Umbellatum*.** Of strong, sturdy habit, growing from 2 to 3 feet high, having large showy flowers in clusters at the summit, flowering in June and July. The colors range through all shades of red from rose to blackish-crimson, yellow, buff, orange, etc., many being spotted. Mixed colors. 25c. each; \$2.50 doz.; \$18.00 per 100.

"Your *Auratum* Lily Bulbs are wonderful. The golden rayed variety I planted last year are very beautiful and attractive; hundreds of people came to see them. They certainly make the best advertisement you could have in Ohio."

Mrs. T. W. LONGSTREET,
Gallion, Ohio.

"My *Auratum* or Golden Rayed Lily of Japan was the most beautiful and fragrant Lily ever seen in this neighborhood."

Mrs. CHARLES F. BAILEY,
West Haven, Conn.





A GARDEN AT YOUR DOOR

HENDERSON'S

Special List of

Dahlia and Canna Roots Hardy Perennial Plants Hardy Flowering Shrubs Hardy Climbing Plants and Small Fruits

In again offering plants we desire to express our appreciation of the liberal share of patronage which we have received from the flower-loving public in years past. We would state that we are now offering only the very finest new and standard sorts that have been thoroughly tested. This will not only be a convenience, but a protection to our customers; who may rest assured that they will receive no worthless varieties when ordering from our list.

PLEASE READ CAREFULLY BEFORE ORDERING PLANTS AND ROOTS

Please note that our offer to pay transportation charges on Dahlia and Canna roots, pages 154 to 159, does not extend to plants, pages 148 to 153 and 160 to 172. We will ship plants by Parcel Post or Prepaid Express if 10 per cent is added to the catalogue price, for points east and 20 per cent for points west of the Mississippi river. Otherwise we will forward plants by Express, buyer to pay express charges on delivery. *We do not ship plants C. O. D.*

We will guarantee the safe arrival of all plants and roots sent by Express or Parcel Post to all points in the United States. Should anything be injured in transit, we urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged so that we can replace them without delay. But when they arrive in good condition our responsibility ceases, and if from inattention or other causes they fail and complaint is then made we cannot replace them.

HENDERSON'S Pot-Grown Roses

FOR SHIPMENT DURING MARCH, APRIL, MAY AND JUNE

See Pages 148 to 153

Our Pot-grown Roses are superior to the Roses usually sent out because they are cut back and potted early in the fall giving ample time for root action and to allow the plant to grow naturally.

They are sturdy and compact and when sent by express with the soil on the roots transplanting scarcely checks their growth. In planting, it is only necessary to make a hole a little larger than the ball of earth on the plant. After it is set in, firm the soil well around the roots, otherwise the dry air will shrivel them up and prevent their development.

Never set the plants out should the ground be wet and soggy, but wait until it is fairly dry. After planting give the soil a thorough soaking, and should the earth around the plant be dry it should be thoroughly saturated with water a day or so before planting.

SUCCESS depends in a great measure on the care given to the plants after planting. The soil should be stirred frequently with a fork-hoe or hand-cultivator, so as to keep it mellow, as well as to keep down weeds. This is particularly necessary during dry weather, as ground which is frequently cultivated will be found to retain moisture far better than if it is allowed to become baked into a hard crust; in addition to this it induces a development of young roots close to the surface. Care must be taken, however, not to hoe too deeply so as to injure the young roots. Another important point is to cut off all the flowers which are past their prime, as not only are they unsightly, but they tend to weaken the plant by forming seedpods; by removing them the strength which would otherwise be wasted goes to form new growth, thus increasing the number of blooms.

The best time to plant is early in May in this section, but planting may be delayed until late in June.

PETER HENDERSON & CO., 35 Cortlandt St., NEW YORK



Henderson's Garden Guide and Record gives much valuable information about pruning—it's free with an order amounting to \$3.00 or over.

Henderson's "Elite" Collection

of Six New
Ever-Blooming Garden Roses Shown in Colors
on Opposite Page

A. Lucie Marie

A new Rose introduced by Alex. Dickson & Son in 1930. Buds long and pointed, deep yellow splashed with red. As the outer petals unfold the inner face is yellow with coppery venation. Awarded Certificate of Merit National Rose Society of England.

B. Heinrich Eggers

This variety was introduced by W. Kordes in 1928. The buds are long; the open flowers quite full. Color orange tinted pink with yellow shadings at the base. Fine, free flowering habit.

C. J. C. Thornton

A grand acquisition to our rich red Roses. The flowers are large and full with the petals arranged so as to show a well pointed center. Color bright glowing crimson-scarlet.

SPECIAL OFFER. Price of the "Elite" Collection of Six New Roses shown on Colored Plate opposite. First size, \$15.00. Second size, \$12.00. Single Plants, First size, \$2.50 each; Second size, \$2.00 each.

D. Caledonia

Introduced by Dobbie & Co. in 1928. Awarded Gold Medal Scottish Rose Society and Certificate of Merit National Rose Society of England. The flowers when first opening are slightly tinted lemon but this changes to pure white as they develop. A fine garden Rose.

E. President Hoover

Introduced by L. B. Coddington in 1930. Strong vigorous growth. Flowers large and full. Color a combination of cerise-pink, flame, scarlet and yellow, in beautiful contrast which brings out the strong individuality of this charming Rose.

F. James Gibson

Introduced by McGredy & Son in 1928. A glowing crimson-scarlet with a velvety sheen. It flowers profusely all season, is remarkably healthy and vigorous, almost immune from all diseases.

NEW and recently introduced ROSES

Pot Grown Plants for Shipment During
March, April, May and June

The Cream of the Older Sorts and the Best of the New

Charles P. Kilham

A striking novelty which will appear to every Rose lover. The buds are pointed, opening to perfectly formed full double flowers of a rich oriental red, flushed with orange and glowing scarlet. A vigorous grower and sweetly tea scented. See illustration. Price: 2 year old pot-grown plants, \$2.00 each.

Golden Dawn

An ideal garden rose of Australian origin. The buds are lemon yellow, heavily splashed with crimson, but open into splendidly shaped full flowers, which remind one of the old favorite Marechal Neil. Price: 2 year old pot-grown plants, \$1.50 each.

Dr. Edward Deacon

A variety that will charm every lover of a real good rose, color at the margin of the petals a delicate tint of shrimp-pink gradually merging to a deep salmon-orange towards the base. A fine full flower that has good lasting qualities. Price: 2 year old pot-grown plants, \$2.00 each.

Lady Mary Elizabeth

A variety of outstanding merit. Of strong, vigorous upright branching habit with good healthy foliage and very prolific flowering. Flowers delightfully fragrant. Long pointed buds with deep substantial petals, in color a brilliant carmine pink. Price: 2 year old pot-grown plants, \$1.50 each.

Marion Cran

In the young stage before the flowers expand the color is deep buttercup-yellow, margined and flushed cerise and rosy scarlet. As the flower opens the outside of the petals retain their color, while the inner side opens a brilliant geranium scarlet flushed and veined orange and yellow. As the flowers age the color changes to a deep cerise on bright rosy-scarlet flushed buttercup-yellow. Price: 2 year old pot-grown plants, \$1.50 each.

Mrs. Sam McGredy

A New Rose which was offered last year for the first time in this country. The color is a combination of vivid shades. A scarlet coppery orange is heavily flushed with Lincoln red on the outside of the petals, and these colors together give a dazzling effect, which is particularly brilliant in sunshine. The flowers are large and possess the proper fulness to make them useful for all purposes. They are delicately scented. Awarded Certificate of Merit of the National Rose Society of England. Price: 2 year old pot-grown plants, \$2.00 each.

Patience

One of the finest roses of very recent introduction. Its splendid long pointed buds are a deep scarlet carmine opening to large fragrant blooms that shade from orange at the base of the petals to rich carmine at the edges. Price: 2 year old pot-grown plants, \$1.50 each.

Talisman

A striking beautiful Rose. In the bud it is particularly attractive. The color is a combination of gold yellow, apricot and deep pink or old rose. The outside of the petals is bright yellow gold and pink, as the flower expands they become bright apricot gold and deep rose pink. Price: \$1.50 each; \$15.00 per doz.





HENDERSON'S
ELITE
COLLECTION
OF SIX
NEW ROSES

1st Size -- \$15.00

2nd Size - \$12.00

SINGLE PLANTS

1st Size, \$2.50 Ea.

2nd Size, \$2.00 Ea.



Henderson's "Glory of the Garden" Collection

of Eight Hardy Ever-Blooming Garden Roses Shown in Colors on Opposite Page

No. 1 Few Joseph Looymans

The delightfully fragrant flowers are carried on long stiff stems. The buds are long and pointed, brilliant orange buff color and open into moderately double yellow flowers with apricot center.

No. 2 Etoile de Holland

A desirable garden variety of vigorous growth and free flowering habit. Color brilliant crimson red. Clean handsome foliage.

No. 3 Los Angeles

This is, by all odds, one of the finest Roses ever introduced. The growth is very vigorous and produces a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. In richness of fragrance it equals in intensity the finest Marechal Niel. The buds are long and pointed, and expand into a flower of mammoth proportions.

No. 4 Julien Potin

This Rose will probably become better known as The Golden Pernet. It is unquestionably the most gorgeous yellow Rose yet introduced, a rich golden yellow that grows richer and deeper as the flowers mature. The buds are long and shapely and develop into large full flowers delightfully sweet scented. Habit of growth upright with ample attractive glossy bronzy-green foliage very free-flowering.

No. 5 Everest

The flowers are of a large size and in form suggest Fran Karl Druschki. Color pure white with a suggestion of cream. Remarkably fragrant, a strong healthy grower with bold handsome foliage. The perfectly formed flowers are borne on long stems.

No. 6 John Russell

One of the handsomest red roses, beautiful both in bud and in the fully expanded flower. Every one admires it for its splendid form and rich color, a very large double flower of a brilliant deep velvety crimson the growth is exceptionally strong vigorous and hardy.

No. 7 Mrs. Wakefield Christie-Miller

Color inside of petal soft pearly-blush shaded salmon, outside of petal clear vermillion-rose—a marvelous and delightful scheme of coloring. The blooms are of enormous size, retaining their wonderful bright coloring in the hottest sun. The habit of the plant is perfect, holding every bloom upright; its foliage is mildew proof.

No. 8 Margaret McGredy

One of McGredy's most brilliantly colored masterpieces, large, beautifully shaped full double flowers distinct from all others in its rich coloring which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine-rose.

SPECIAL OFFER

Price of the "Glory of the Garden" Collection of Eight Everblooming Roses.

First Size, \$10.00; Second Size, \$8.00. Single Plants, First Size \$1.50 Each, Second Size \$1.25 Each.

Henderson's EVER-BLOOMING Pot-Grown Roses

FOR SHIPMENT DURING MARCH, APRIL, MAY AND JUNE

Dame Edith Helen

This grand rose is quite distinct and delightfully fragrant. Its petals turn back with that beautiful reflex peculiar to La France. Color a brilliant yet soft Rose du Barri pink. Price \$1.50 each.

Double White Killarney

A pure white "sport" from the pink Killarney; equal to it in all the good points of the latter, superior to it in some. One strong point of superiority is that it has more petals than the parent variety, and these petals are of greater substance, so it is of greater value for outdoor bedding. The buds and flowers are beautiful beyond description; many consider it easily the finest white garden Rose in cultivation.

Duchess of Wellington

The ground color is chrome-yellow through which run veins of rich orange and shadings of the same running into the rich yellow. Like all high-colored Roses it varies, but the rule is, that it intensifies rather than lightens in its wonderful shadings. (See illustration.)

Eldorado

A new everblooming Rose of promise. The flowers are large and full color, golden-yellow flushed with red in the bud stage, opening to clear yellow. The growth is sturdy and healthy, the foliage large and abundant.

Golden Salmon

A new rose of the Dwarf Polyantha or "Baby Rose" type. It is a wonderful brilliant orange scarlet. As a bedding variety it is splendid and if grown in pots during the summer, makes a most satisfactory plant for winter blooming.

Irish Hope

A splendid and distinct rose with well-formed buds composed of heavy, broad petals opening to moderately full, very fragrant flowers. The color is a rich rosy crimson with maroon shading. It is a vigorous grower and a free and continuous bloomer.

Jonkheer J. L. Mock

A fine Rose for any purpose. Color is carmine to imperial-pink. A strong, healthy grower, carrying its flowers on long, stiff stems; they are full, of great size, having great substance and depth of petal, with high center; very fragrant.



Price for any of the above 2-year-old pot-grown plants. First size \$1.25 each, \$15.00 per doz. Second size \$1.00 each, \$12.00 per doz.

152 Prolong "The Time of Roses" to Winter by Proper Selection

Henderson's ^{EVER-BLOOMING} Pot Grown Roses—Continued

Mme. Butterfly

A sport from Ophelia, retaining all the good qualities of its parent, but with deeper shadings of apricot and gold on the salmon-pink ground.

Mme. Edouard Herriot

This variety won the *Daily Mail* cup offered for the finest new Rose at the International Rose Exhibition in England in 1912. It is a wonderful Rose. The combination of color shown in the buds and flowers is distinct and charming. In the bud it is coral-red shaded with yellow at the base, the open flowers coral-red shaded with yellow and bright rosy scarlet, passing to shrimp-red, flowers of medium size well formed and not too full. The plant is a most vigorous grower, of a spreading branching habit, with ample bronzy green foliage.

Mme. Jules Bouche

A splendid Rose that should be in every garden, color salmon-white, center shaded rose. Large and full, well-formed flowers.

Mrs. Aaron Ward

The wonderful color catches the eyes at once, a deep, golden orange shading to creamy yellow and white at edge of petals; buds are cupped and very deep, showing the glowing heart to the best advantage. Remarkable for freedom of bloom; close-set dark foliage.

Mrs. A. R. Barraclough

Pink sounds uninteresting in a new Rose, there being so many of this shade, but in this new variety we have a most distinct and valuable addition of a bright but soft sparkling carmine-pink of an even shade, passing to yellow at the base of the petals. The color does not fade as the flower ages but appears to become brighter.

Mrs. Erskine Pembroke Thom

It is of healthy vigorous growth with abundant dark bronzy disease-resisting foliage. The medium sized buds are long and shapely, and develop into good sized full double very shapely flowers of a rich deep lemon yellow sweetly scented. Price, \$1.50 each.

President Jac Smits

A Hybrid Tea Rose of great promise. It is a strong and healthy grower and a constant bloomer. The color is velvety crimson scarlet. Exceptionally long pointed buds on long stems. The foliage is a handsome dark glossy green. As a garden Rose it is a variety of exceptional merit.



Hybrid Perpetual Rose Frau Karl Druschki

Radiance

"Radiance" is a brilliant rosy-carmine, displaying beautiful, rich and opaline pink tints in the open flower; the form is fine, largest size and full, with cupped petals. The bud is large, brilliant, radiant; the stems are long, buds and flowers borne erect.

Red Radiance

It is a clear red sport of the well-known and popular garden Rose "Radiance." It inherits all the fine qualities of the latter—vigorous growth, erect branching habit, and healthy dark green foliage. The stems are long and rigid. Delightfully fragrant.

Shot Silk

A rose of novel and distinct coloring; the bright cherry-pink is flushed and copper with rose and salmon at the base of the petals. Price, \$1.50 each.

Sir David Davis

Flowers brilliant glowing crimson of an even shade throughout, running to light yellow at the base of the petals, remarkable for its fragrance, continual bloom, and handsome foliage. Price, \$1.50 each.

Souvenir De Claudius Pernet

A popular variety supplying a long-wanted yellow Rose; fine buds of clear yellow, the edge of the petals being somewhat lighter. A strong growing plant with glossy foliage.

Wilhelm Kordes

The buds are long and pointed opening to full high centered flowers; color deep golden salmon at the base of the petals which are flamed and heavily edged with cherry red.

Wm. F. Dreer

A beautiful Rose of the same parentage as Los Angeles and similar in shape to that variety. The color soft shell pink shaded with gold at the base of the petals, which illuminates the whole flower.

HENDERSON'S SELECTED Hybrid Perpetual Roses

They are distinguished for their hardiness and for this reason are largely planted in the North. While the main crop of flowers is borne in early summer, occasional blooms are produced late in the season.

American Beauty

A hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose, with the delicious odor of the Damask Rose, consequently equally valuable for winter or summer flowering. In color, it is a deep, brilliant rosy-carmine, shaded toward the center with rich carmine-crimson.

Frau Karl Druschki

This beautiful large snow-white variety is now very popular. Sometimes being called the White American Beauty. Splendid buds and immense flowers, 4 to 5 inches across; perfectly double and delightfully fragrant; large thick petals, very durable and handsome.

George Arends

This is a pink form of the popular white variety Frau Karl Druschki. It is a beautiful and distinct Rose of free-flowering character; the growth is robust and erect. The form of the bud is splendid. The color is delicate rose pink. Flowers large, full and deliciously scented.

Gen. Jacqueminot

The popular hardy crimson "Jack" Rose. It is a strong, vigorous grower, entirely hardy; an early and abundant bloomer. Its brilliant crimson is the standard of color by which other Roses are judged; flowers full and fragrant.

Magna Charta

This fine hardy Rose is distinguished alike for its vigorous healthy constitution, freedom of bloom and handsome foliage. Flowers bright, deep pink; very large and fragrant. A popular Rose.

Paul Neyron

Probably the largest of all Roses. Color, clear, dark pink shaded carmine. Form of flowers, bold and handsome; very fragrant.

Prices for any of the above, except where noted, strong 2-year-old pot grown plants. First size \$1.25 each, \$15.00 per doz. Second size \$1.00 each, \$12.00 per doz. Purchaser pays transportation on Roses.

Henderson's Selected Hardy Climbing Roses

POT GROWN PLANTS FOR SHIPMENT DURING MARCH, APRIL, MAY AND JUNE

Bonfire

A splendid, new Climbing Rose, remarkable in many ways but particularly in the fiery-red or intense crimson scarlet flowers. The brilliant color attracts immediate attention. The giant trusses produced on the plants last for several weeks.

Chaplins Pink Climber

This striking novelty is a cross between Paul's Scarlet Climber and American Pillar. A strong grower, perfectly hardy, it produces its large flowers, similar in size and shape to Paul's Scarlet, in strong trusses of from 8 to 12 flowers each, but the color is a rich lively pink. (See illustration in color on page 3 of cover). Price, 2-year-old pot-grown plants; First Size \$2.00 each; \$20.00 per doz.; Second size, \$1.50 each; \$15.00 per doz.

Climbing American Beauty

A cross between the American Beauty and an unnamed seedling. Color rosy crimson, identical with its pollen parent, the American Beauty, and with the same exquisite fragrance, a quality rarely found in climbing Roses. Of strong habit of growth, making shoots of from ten to fifteen feet in one season, hardy as an oak. Will thrive and bloom in almost any situation where a climbing or pillar Rose is desired. Flowers three to four inches in diameter, finely formed on long stems, are produced in great profusion. (See illustration.)

Dorothy Perkins

A hardy climbing Rose of American origin which has become a standard sort. The color is beautiful clear shell-pink; it blooms in trusses of from ten to thirty, each floret considerably over one inch in diameter, the stem to the truss being quite long thus making them available for cutting and interior decoration.

Dr. W. Van Fleet

Flowers are four inches and over a diameter. The center is built high, petals beautifully undulated and cupped. The color is a remarkably delicate shade of flesh pink on the outer surface, deepening to rosy flesh in the center. The flowers are full and double, of delicate perfume, buds pointed, stems twelve to eighteen inches and fine for cutting. The foliage is a peculiar shade of bronze-green, large and glossy.

Excelsa

A splendid, new Climbing Rose, remarkable in many ways but particularly in the brilliant fiery-red, or intense crimson-scarlet of the flowers. The intensely brilliant color is accentuated by the great masses of giant trusses produced on the plants, and furthermore by the contrast with the deep green, glossy foliage. The flowers are very double; they are larger than any of the Rambler Roses and borne in trusses of thirty to forty on each; the body of the flower is brilliant in color but towards the edges of the petals they light up with a wonderful scarlet-crimson. It is very vigorous in growth and belongs to the *Disease-proof* race of Climbing Roses developed by crossing on Rosa Wichuraiana.

Paul's Scarlet Climber

The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in cluster of from 3 to 20 flowers each on much branched canes, the plants being literally covered from top to bottom with bloom. It is of strong climbing habit and perfectly hardy.

Primrose

This is a beautiful and distinct variety that fills the "long felt want" for a "Yellow Rambler." It is a strong grower and hardy under climatic conditions that Dr. Van Fleet and similar varieties will stand. The color a glowing shade of light primrose yellow maintained until the petals drop. Its flowers are about 2½ inches in diameter and are generally borne in trusses of from 2 to 5 flowers on long stems. Price, 2-year-old pot-grown plants, First Size \$1.50 each; \$18.00 per doz.; Second Size \$1.00 each; \$12.00 per doz.

Silver Moon

Silver Moon is the result of a most interesting cross. Rosa Wichuraiana X Rosa Sinica—Cherokee Rose. The flowers run four and one-half inches and over in diameter, clear silver white in color, petals of great substance and beautifully cupped. The center is filled with bright yellow stamens, a very attractive feature. It is very floriferous, foliage bronze-green and glossy.

Tausendschon or "Thousand Beauties"

A beautiful, climbing Rose which has leaped into popularity by its inherent merit and beauty. The name "Thousand Beauties" is very appropriate and refers particularly to the wonderful variety of colorings found on any one plant. The flowers are soft pink at first, but as they age the most beautiful shades of carmine-rose, cerise, blush and soft white with a gleam of light yellow, soft crimson and intermediate tints; a combination of charming coloring, which is bewildering.



Price for any of the above 2-year-old pot-grown plants (except where noted) First Size \$1.25 each; \$15.00 per doz. Second size \$1.00 each; \$12.00 per doz.

FIELD GROWN DAHLIA ROOTS

Note.—When roots cannot be planted immediately upon arrival, they should be unpacked and stored in a cellar where the temperature is about 55 degrees. Watch them carefully and if they show signs of shriveling, cover them completely with several thicknesses of newspaper, sprinkle the papers after they are on the pile. If they show premature growth, it is evident that there is too much moisture and means should be taken to reduce it.

Eight Superb "Decorative" Dahlias

Catherine K. Color clear yellow; flowers large and full. A bright spot in the garden and a good keeper when cut.

Edward M. Parrish. Handsome, well-formed flowers of more than an average size, freely produced on stiff stems held well above the robust heavy foliage. It is an attractive shade of lavender mauve; a splendid keeper.

Jersey's Beauty. Among the newer Dahlias this variety may well be considered of more than passing merit because of its exquisite color and fine form. The color is a vivid glowing pink. Large flowers of great depth, always full to the center.

Leo Neisson. The color is an extremely soft rich strawberry red. The great abundance of large blossoms makes this one of the most showy and desirable Dahlias.

Mabel Thatcher. A Decorative Dahlia of remarkable form and substance. Its attractive pale yellow flowers are held erect on stiff stems.

Maryland. A big bloom formed by many rows of perfectly formed petals, giving it an unusually attractive appearance. The color is an exquisite shade of mauve suffused with flesh pink.

Quota. A ball-shaped decorative Dahlia that is admired by all who see it, a pure glistening white flower on long stems. Keeps a long time when cut.

Romney. Large, perfectly-formed flowers, never showing the center, broad petals. The color is a very rich shade of velvety crimson maroon, not dull but very much alive.

Price of the above field-grown roots, \$1.00 each; \$10.00 per doz. Set of eight for \$7.00.



New Decorative Dahlia Judge Duncan

A wonderfully rich and intense crimson-maroon. A most profuse bloomer with long stems, fine for cut-flowers. A true "Decorative" of beautiful form. By disbudding flowers of remarkable size may be had. Price, field-grown roots, 50c. each; \$5.00 per doz.

"Decorative" Dahlia Rosa Nell

One of the most striking and popular of the newer Dahlias. It is a favorite with both cut-flower growers and exhibitors. Color clear bright rose. The flowers are large and always full to the center. (See illustration.) Price, field-grown roots, \$1.00 each; \$10.00 per dozen.

"Decorative" Dahlias

Dorothy Robbins. Large flowers of a real autumn shade. This variety is worthy of special mention as a cut flower sort. Color, a pretty burnt amber tinged and shaded old rose.

Insulinda. An extra large flower with broad wavy petals, of a rich golden orange overlaid with a golden sheen, shading deeper toward the center, with old rose on the reverse of the petals. Long wiry stems.

Joan of Arc. The color is beautiful soft pink with lilac shadings, sometimes deepening to violet toward the margins. The petals are broad, the whole flower being graceful in the extreme.

Joppa. The color is dark salmon rose blended with apricot and gold. It is a variety which responds to good culture, and when disbudded flowers measuring 8 to 10 inches in diameter may be had.

Kiwanis. A new introduction and really a new type in decorative Dahlias. The form is all that can be desired with broad incurved and twisted petals and very double center. Color a bright canary yellow that is admired by everyone.

Mrs. I. de Ver Warner. Very large, beautiful flowers of fine form and substance. The color is rich, rosy mauve. It is a very free bloomer with long stems; valuable for cut flowers.

Patrick O'Mara. The flowers are of the decorative type, over 7 inches across, with broad petals beautifully twisted and curled. The color is a soft salmony pink with golden shades and the whole is overlaid with a beautiful metallic sheen.

Pride of California. We consider this one of the best Dahlias because of its uniform habit of growth. The color is deep red and the flowers keep well when cut.

Sioux. A large strong growing plant, making good heavy stems with a fine large red flower of excellent substance and keeping qualities.

Warren G. Harding. A pure white flower, carried gracefully well above the foliage. A splendid variety for cut flowers due to its compact strong growth and free flowering habit.

Price, field-grown roots, 50c. each; \$5.00 per doz. Set of 10 "Decorative," Dahlias above for \$4.25.



"The Seasons Roll 'Round Rapidly" Send Your Order Early 155

Seven Choice Cactus Dahlias

Aubrey Davenport

The color is pure white with just a suggestion of lemon yellow toward the center as the flowers mature a fine, large, full flower.

Lucy Ashton

The color is light pink shaded with yellow at the base of the petals. A good variety for cut flowers.

May Matheson

Peculiar in form, long narrow petals rounded at ends, flat in form with long wiry stems. Color is yellow, blending to apricot.

Mutual Friend

An exquisitely colored Dahlia. The flat center petals are canary yellow. The outer petals salmon, merging into light pink, which gets lighter toward the tips. The petals are quilled and twisted. (See illustration.)

Patapsco

The flowers are large and full, measuring 6 inches or over in diameter. The petals are loosely incurved, of a delicate mauve-rose, suffused pink.

Sweetheart

The growth is dwarf and branching, making many flower stems. Color purest white. The petals are twisted and curled, rendering the flower most attractive and pleasing. (See illustration.)

Warren S. Seipp

A bold, upright grower, furnishing abundant flowers for cutting. They are naturally large, and if the plant is disbudded flowers of exceptional size develop perfectly. The color is spectrum red, shading to carmine toward the center.

Price of the above field-grown roots, 75c. each.; \$7.50 per dozen.; \$4.50 for set of seven.



Ten Cactus Dahlias

Aberdeen. A valuable variety for cutting. Begins to flower early and continues in great profusion until frost. The flowers are of medium size, of the true quilled cactus type and are borne on slender wiry stems well above the foliage. The color is dazzling red shaded crimson, very brilliant in artificial light.

Break o' Day (Hybrid Cactus). Color clear sulphur yellow shading to white at the tips. Flowers are illuminated by a satiny sheen giving them a waxy appearance.

Gladys Bates. Large blooms of incurved petals of tan, with a reverse of rose. An odd combination of color but very attractive.

Kalif. This is a giant-flowering variety; a truly majestic flower, frequently measuring 8 to 9 inches in diameter, of perfect cactus form. Flowers very freely on good stiff stems. The color is pure scarlet; shows up particularly well under artificial light.

Kholoros. A charming variety of the popular Cactus type. The flowers are large with petals gracefully quilled and curled. Color, lemon yellow. Long, wiry stems hold the flowers well above the foliage.

Lawine. The color is pure white with just a suggestion of blush as the flower matures. A fine, large, full flower.

Pierrot. The color is deep amber, but each petal is tipped with pure white. One of the pleasing features of this variety is that the amount of white varies, giving a unique and striking effect.

The Vamp. A very handsome "Cactus" Dahlia, color intense scarlet with maroon shading, enhancing the richness of coloring. Large flowers on long stems.

Wolfgang von Goethe. Large gracefully arranged flowers of a rich apricot with carmine shadings. The plant is a vigorous grower, of branching habit, producing the flowers in great quantities on long stems.

Wodan. A large, bold and most effective flower, raised well above the foliage on strong stems. The color is a pleasing delicate salmon-rose, shading to old gold in the center. The petals are tubular and semi-incurved, giving great depth to the flower. When cut it retains its freshness a long time.

Price of the above field-grown roots, 50c. each; \$5.00 per doz. Set of 10 Cactus Dahlias, \$4.25.



Special Offer

As there are many people who care little for special sorts, we offer our selection of named varieties, said selection to be made at the time the order is filled, of good contrasting colors and sorts. Price, field-grown roots, 3 for \$1.00; 6 for \$2.00; \$3.50 per doz.; \$25.00 per 100.

All Dahlia roots listed on this page are delivered transportation paid in the U. S. or possessions. Order Early.



"Collarette" Dahlias

Eden. A lovely pure white collarette. Good, bushy habit, free flowering.

Maurice Rivoire. Rich, dark maroon, very deep in the center of the petals. Pure white "collar." A large, broad-petaled variety of splendid appearance.

Valentine. Yellow shaded crimson, white collarette. (See illustration.) Price for the above, field-grown roots, 50c. each; set of 3 for \$1.25.

Clematis-Flowered Dahlias

Distinguished for their large Clematis-like flowers, 6 to 8 inches across. The coloring is very intense and showy. They make noble plants, about 5 feet high.

Ami Barillet. Scarlet-crimson flowers, bronze foliage. Very ornamental. The flowers are not so large as those following. (See illustration.)

Fringed 20th Century. The color is intense rosy crimson, with white tips and white disc around the yellow center.

Rose Pink Century. Clear rose pink, immense size.

Scarlet "Century." The brightest, dazzling scarlet, without shade or blemish. The flowers are of fine, round form and finish.

Sensation. Vivid vermilion, heavily striped with white. A new variety and very striking.

St. George. A pretty, pure yellow. It is a very free bloomer and fine for cutting. Very showy in the garden.

White "Century." Beautiful snow-white. A vigorous grower and profuse bloomer.

Price for the above, field-grown roots, 40c. each; \$4.00 per doz. Set of 7 Clematis-flowered Dahlias for \$2.50.



Pompon Dahlias combined with Baby's Breath (*Gypsophila*); make a charming table decoration.

Improved Large Double or "Show Dahlias"

A. D. Livoni

Beautiful, soft, lustrous pink. Grand flowers, beautifully quilled, fine free blooming variety for cutting.

Black Diamond

Purple-garnet, shading black. Large flowers.

Chas. Lanier

Deep yellowish amber, buff shadings. Long stems.

Dorothy Peacock

A beautiful soft pink shading slightly darker on the outer petals, as the flower expands. Strong, vigorous grower, without any indication of weakness or disease, each plant being sturdy and vigorous.

Ethel Maule

Pure white, slightly tinged pale lavender in the center. Flowers large and full.

Queen of Yellows

A beautiful, profuse, clear yellow; a general favorite.

Souvenir de Mme. Moreau

The flowers are a beautiful deep pink, a remarkably early and free-flowering variety.

Zebra

Pearl-white, shading to soft silvery pink, deepening to rosy pink on the edges of the petals; the latter shade is more pronounced at times.

Price, field-grown roots, 50c. each; \$5.00 per doz.; set of 8 for \$3.50.



Dwarf Double Pompon Dahlias

This type produces globular flowers in great profusion on rather dwarf plants. The flowers are very useful for summer bouquets, about 2 inches across, pretty and not obtrusive. Very popular for floral baskets and table decoration.

Alewine. Flesh, edged lavender pink.

Allie Mourey. Pinkish white, tipped deep pink.

Amber Queen. Rich amber, profuse bloomer.

Crimson Queen. Deep crimson, shaded purple.

Indian Chief. A very rich shade of reddish crimson. Stems long and wiry.

Little Beauty. Delicate shrimp pink, an early and profuse bloomer.

Little May. Bright lemon yellow beautifully quilled.

Snowclad. The best of white Pompons. Completely covered with a mass of flowers. Price, field-grown roots, 50c. each; \$5.00 per doz.; set of 8 for \$3.50.

Special Offer

As there are many people who care little for special sorts, we offer our selection of named varieties, said selection to be made at the time the order is filled, of good contrasting colors and sorts. Price, field-grown roots, 3 for \$1.00; 6 for \$2.00; \$3.50 per doz.; \$25.00 per 100.

The "BOUNTIFUL"

Collection of 12 Free-blooming Dahlias

No. 1 **Aberdeen**

Begins to flower early and continues until frost. The flowers are of medium size, of the true quilled cactus type and are borne on slender wiry stems well above the foliage. The color is dazzling red shaded crimson, very brilliant in artificial light.

No. 2 **Baltimore**

The flowers are large, with broad petals, light lemon yellow in color. The plant is a strong grower, of branching habit, producing flowers in great quantity. Long stems hold the flower, face upward.

No. 3 **Break O'Day**

(Hybrid Cactus). Color clear sulphur yellow shading to white at the tips. Flowers are illuminated by a satiny sheen giving them a waxy appearance.

No. 4 **Chas. Lanier**

Deep yellowish amber, buff shadings. Long stems. Grand flowers, beautifully quilled. A fine free blooming variety for cutting.

No. 5 **Flamingo**

Plant of splendid habit and very free flowering. Color a rich and glowing rose-pink.

No. 6 **Hortulanus Witte**

Pure white in color and fine regular form; broad petals, perfectly full flowers. A variety that should be in every collection, especially where cut flowers are wanted.

No. 7 **Jean Kerr**

An ideal pure white Dahlia for all purposes. It is sometimes classed as a show variety because of its closely set petals and ball shape, but it really belongs to the decorative class. One of the earliest.

No. 8 **Judge Duncan**

A wonderfully rich and intense crimson-maroon. A most profuse bloomer with long stems, fine for cut flowers. A true "Decorative" of beautiful form. By disbudding flowers of remarkable size may be had.

No. 9 **Pierrot**

The color is deep amber, but each petal is tipped with pure white. One of the pleasing features of this variety is that the amount of white varies, giving a unique and striking effect.

No. 10 **Pride of California**

We consider this one of the best Dahlias because of its uniform habit of growth.

The color is deep red and the flowers keep well when cut.

No. 11 **Queen Elizabeth**

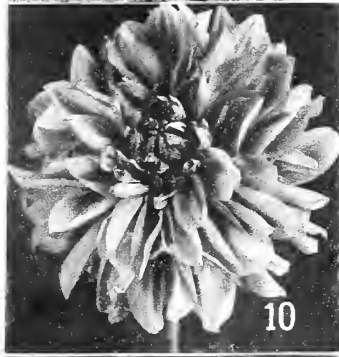
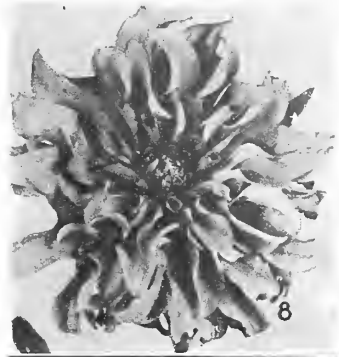
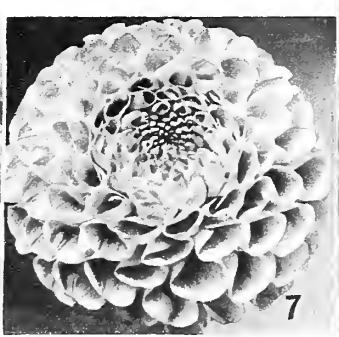
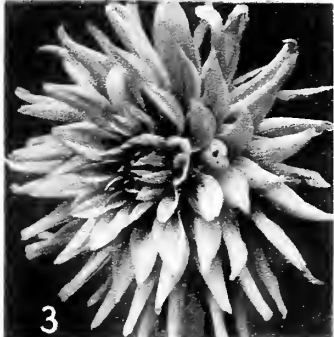
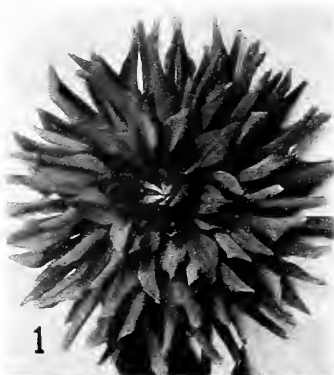
This is a fine variety, a good, free bloomer, and the flowers are produced on long stems. The color is silvery cerise pink.

No. 12 **Wodan**

A large, bold and most effective flower, raised well above the foliage on strong stems. The color is a pleasing delicate salmon-rose, shading to old gold in the center. The petals are tubular and semi-incurved, giving great depth to the flower.

Price, The "Bountiful" Collection of 12 Dahlias, field-grown roots, \$5.00

We will supply any of the varieties in the Bountiful Collection, field-grown roots, at 50c. each; \$5.00 per doz.



Henderson's Paramount Collection of New Dahlias

Shown in Colors on Opposite Page

A. Decorative Dahlia Ebenezer

A beautiful variety for the new type of decorative Dahlias with long twisted petals. The color is bright velvety maroon on the front with a lighter color on the back; a tall grower, large flowers on long stems.

B. New Decorative Dahlia Chesapeake

The color is canary yellow with light stripes of crimson on the front of the petals. The reflex is crimson, producing a charming effect.

C. Decorative Dahlia Merritt

Among the many new Dahlias introduced there are none in our opinion which is likely to have a wider popularity than this. It resembles the Patrick O'Mara in shape and style of growth, producing large flowers which last well when cut. The color is bright lemon yellow. Whether considered from the standpoint of the commercial grower or from the viewpoint of the Dahlia fancier, it is without a superior.

D. Cactus Dahlia Mariposa

A magnificent variety of the Hybrid Cactus type and a new color in Dahlias. It is best described as rosy-violet with a silvery sheen on the back of the petals, this sometimes shows at the edges, giving a charming effect.

E. Cactus Dahlia Enid

The center petals are flat and almost black, while the outer petals are long and rolled in true Cactus form. They are a pure scarlet which show up particularly well under artificial light. The flowers are frequently 8 inches in diameter.

F. Cactus Dahlia Hollywood

Modern Dahlia culture has developed many superb varieties, but none better than Hollywood. It is a beautiful salmon-pink of the true quilled Cactus type. Flowers of immense size, measuring on well-grown plants 6 to 8 inches across.

The Paramount Collection of Six Splendid Dahlias, Field-grown Roots, \$5.00

We will supply any of the varieties in the Paramount Collection, field-grown roots, at \$1.00 each.

Henderson's Selection of the Newer Dahlias



Decorative Dahlia Barbara Redfern

A free flowering variety with flowers of great size and depth, the color is a beautiful blending of old rose and old gold. The large blooms are held on strong stiff stems on a tall vigorous bush. Price field-grown roots \$2.00 each; \$20.00 per doz.

Hybrid Cactus Dahlia Garden Glow

A fine free flowering Hybrid Cactus variety orange-red and chrome yellow. Deep and full to the center. A good garden and exhibition Dahlia. Price field-grown roots \$2.50 each; \$25.00 per doz.

Decorative Dahlia Bob Pluse

A very attractive variegated Dahlia. The colors are a pleasing combination of dark red with white on the tips of the petals. The flowers are large and deep and borne on long stems. Price field-grown roots, \$1.00 each; \$10.00 per doz.

Hybrid Cactus Dahlia George Jr.

A beautiful exhibition Dahlia of perfect formation. A lovely bright salmon rose with shadings of picric yellow. Large flowers carried well above the foliage on good stiff stem. Price, field-grown roots, \$3.00 each; \$30.00 per doz.

Decorative Dahlia Jane Cowl

This variety attracted attention at the shows last fall because of its immense size. The color is warm buff and old gold blending to a bright salmon at the center; a superb Dahlia in every way. Price, field-grown roots \$5.00 each.

Decorative Dahlia Jersey's Beacon

As an exhibition flower this variety has few equals, but as a garden variety it is even more popular. The color is Chinese Scarlet with a paler reverse giving it a two-toned effect. Price, field-grown roots \$1.00 each; \$10.00 per doz.

Decorative Dahlia Jersey's Sovereign

A good grower, early bloomer of a pleasing shade of salmon orange. The flowers are large and the foliage is splendid dark green. Price, field-grown roots \$1.00 each; \$10.00 per doz.

Hybrid Cactus Dahlia Mars

A delightful and different combination of salmon-red and rich golden ecru giving an effect of burnished copper. Long wavy petals give flower grace and refinement. Price, field-grown roots \$1.00 each; \$10.00 per doz.

Decorative Dahlia Marvelous

Truly a marvelous Dahlia in growth, size and beauty. The color is deep mauve blended with silver mauve and flesh pink. Flowers freely on long stems. Price, field-grown roots \$1.00 each; \$10.00 per doz.

Decorative Dahlia Sagamore

This Dahlia is a wonderful commercial and exhibition variety, color, amber gold shaded with salmon rose and orange buff. Flowers of uniform large size and a good keeper when cut. Price, field-grown roots \$1.00 each; \$10.00 per doz.

Decorative Dahlia Sanhican's Blue Bird

The color is an uncommon blending the outer petals at maturity are bright violet-blue while the center retains the violet tint, it is a bloom of very large size erect on strong wiry stems. Price field-grown roots \$2.00 each; \$20.00 per doz.

Special Offer: One each of the 11 newer Dahlias offered on this page for \$17.00.

All Dahlia roots listed on this page are delivered transportation paid in the U. S. or possessions. Order early.



HENDERSON'S
PARAMOUNT COLLECTION of
SIX CHOICE DAHLIAS
PRICE \$5.00

Henderson's Selected Hardy Perennial Plants

For Permanent Planting in Open Borders, Cemetery Plots, etc.

Each year helps to establish more firmly the popularity of Hardy Perennial Plants. There is no greater satisfaction to one who has a garden than to watch some last year's favorite come up in its accustomed place when spring approaches. They are most effective in the mixed border but

almost every place has some nook or corner where they can be used to good advantage. When once planted they almost care for themselves and repay us with a profusion of blooms of many forms and colors from early spring to late fall.

A Special Collection of Hardy Perennial Plants

The perennial garden pictured below was made by planting three plants each of twelve different varieties of our hardy perennials as follows:

List of Varieties Pictured Below	Common Name	Height	Color	Time of Bloom
F Delphinium Formosum	Blue Larkspur	3 ft.	Blue	All Summer
G Papaver Orientale	Oriental Poppy	3 ft.	Scarlet	Summer
H Platycodon Grandiflora	Bell Flower	2 to 3 ft.	Assorted	June to August
I Digitalis	Foxglove	3 to 5 ft.	Assorted	July and Aug.
J Aquilegia	Columbine	1 ft.	Assorted	Early Summer
K Stokesia Cyanea	Stokes Aster	1½ ft.	Blue	All Season
L Chrysanthemum Single	Shasta Daisy	2 ft.	White	Spring
M Alyssum Saxatile	Golden Tuft	1 ft.	Yellow	Early Spring
N Dianthus Barbatus	Sweet William	1½ ft.	Assorted	Summer
O Carnation Hardy	Pinks	1 ft.	Assorted	June to July
P Aster Novae-Anglae	New England Aster	3 ft.	Purple	Fall
Q Hollyhock	Hardy Double	5 to 6 ft.	Assorted	July to August

Special Offer:

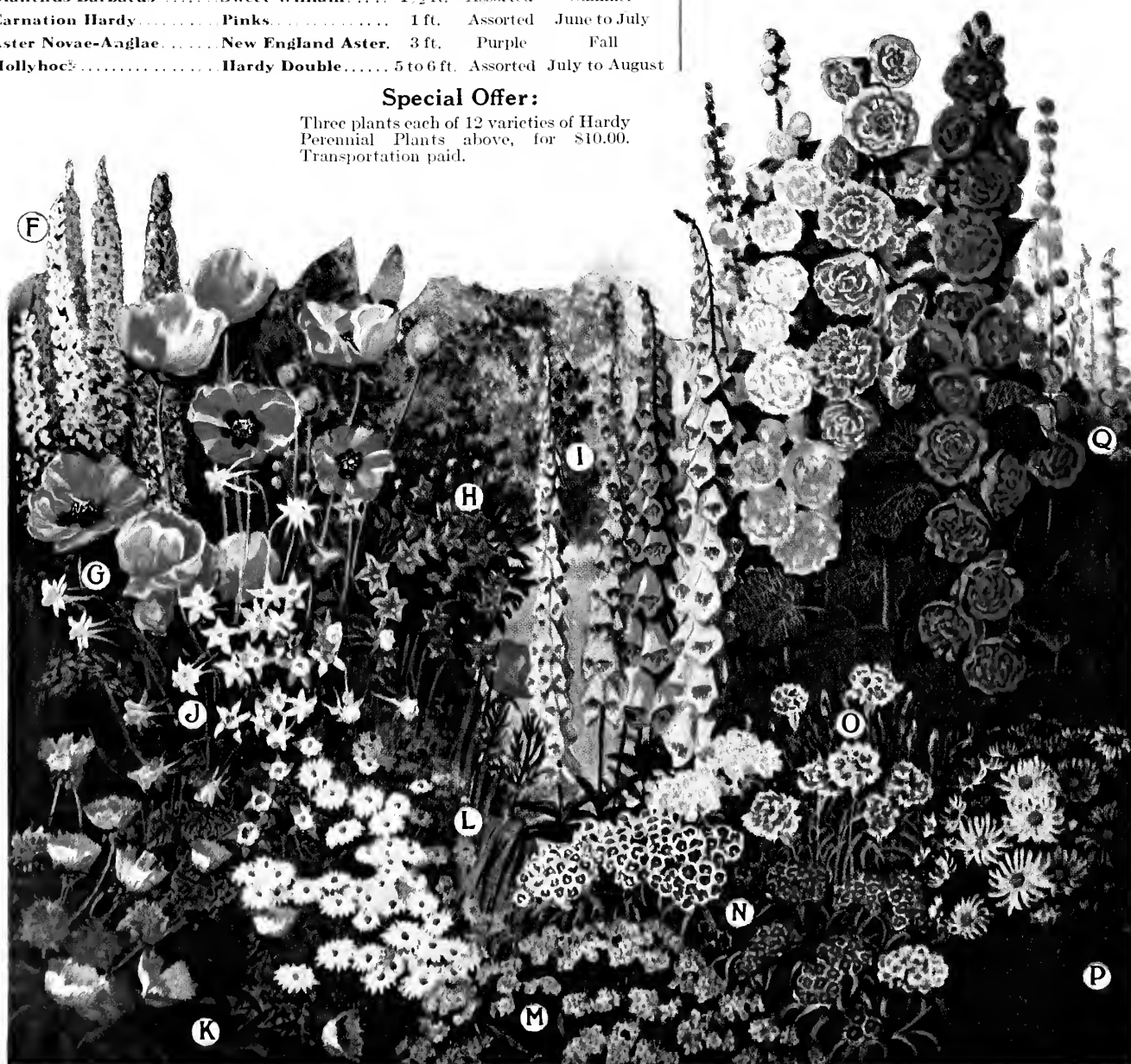
Three plants each of 12 varieties of Hardy Perennial Plants above, for \$10.00. Transportation paid.

"Upon opening the box containing plants I had ordered from you but a few days before, I was indeed agreeably surprised at the stock shipped me. The plants were all healthy, vigorous, young and exceptionally clean stock. It is little wonder you are the first among seedsmen of the country. Shall be in the market shortly for some first size roses and you will without doubt get the order for I do not see where I can do better, or in fact as well."

W. A. Sherwood, Roseton, N. Y.

"I might add that the plants, roses, grapes, etc., were of very excellent quality and every one lived."

F. E. Van Doren, Long View, Ill.



Hardy Perennial Plants

For Permanent Planting in Open Borders, Cemetery Plots, Etc.

Hardy Aster Barr's Pink

Coming into flower about the middle of September this is one of the showiest late flowering plants and adds a mass of color to the fall garden. The flowers are bright pink with a golden center. Price, 50c. each; \$5.00 per doz.

Hardy Pompone Chrysanthemums

These are the only sorts which are reliably hardy in the Northern states. They are sometimes called "Button" Chrysanthemums. The proper way to grow this type is to allow the plant to make as many shoots as possible. By disbudding, nice flowers two inches and more in diameter can be had. They do wonderfully well in most parts of the country. We offer six of the leading varieties. Prices, 35c. each. Set of six for \$2.00.

Dielytra or "Bleeding Heart"

One of the most ornamental of hardy spring-flowering plants, with elegant green foliage and long drooping racemes of heart-shaped pink and white flowers. If potted in November and left outside till it has formed new roots and then brought into a gentle heat, it may be had in flower in the greenhouse, in February and March. (See illustration.) Large roots 75c.; each; \$7.50 per doz.

New Early Flowering Gypsophila Ehrlei

Gypsophila Ehrlei surpasses any that has ever been introduced. It is a distinct new form, early, pure white, double flowering and not a variety of the plentiful Gypsophila paniculata fl. pl. An additional feature of this novelty is that its largest crop of flowers is produced before paniculata begins to bloom. After the main crop has been cut, flower spikes still make their appearance until frost. It is far superior to Gypsophila pan. fl. Pl. because of the enormous size of its pure white flowers. Flowers were cut as late as November 15th. Strong field-grown, grafted plants 60c. each; \$6.00 per doz.

Hardy Ferns for the Garden

The tendency towards natural gardening has brought many plants into prominence which had long been neglected; none are more deserving of this distinction than Hardy Ferns. Given a porous soil rich in humus, shady or partially shaded position and moisture, and they luxuriate, coming up year after year. We offer a choice selection of the best native sorts. Price 35c. each; \$3.50 per doz.; \$25.00 per 100. Set of 10 distinct sorts for \$3.00.

Phlox Divaricata Canadensis

One of our native species which is worthy of extensive planting commencing to bloom early in April and continuing through May, with large fragrant lavender flowers on stems 10 inches high. Price 35c. each; \$3.50 per doz.



Japanese Iris

Iris Kraempferi Grandiflora. The flowers are from 6 to 8 inches across, and of indescribable and charming shades, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. Each flower usually contains several shades, while a golden-yellow blotch surrounded by a halo of blue or violet at the base of the petals intensifies the wealth of coloring. Perfectly hardy, blooming in June and July. The named varieties are splendid. Price, 50c. each; \$5.00 per doz. Set of 10 named kinds, \$5.00.

German Iris

Iris Germanica. These are the true Fleur-de-lis, sometimes called Garden Orchids. They fairly out rival the Orchids in wide range of color, comprising as they do yellows, purples, blues, claret-red, white and bronze marbled, veined and striped. Price, 50c. each; \$5.00 per doz. Set of 10 named sorts \$5.00.

Peonies

Magnificent hardy plants almost rivaling roses in perfume and brilliancy in color. We offer strong divided roots and can supply double white, double crimson and double rose pink. Price, 50c. each; \$5.00 doz.

Hardy Phlox

These grand hardy plants are very popular and deservedly so. They are of the easiest culture, and during the late summer and fall months make the garden bright with their wealth of bloom. (See illustration.)

Enchantress (Medium). The well-known bright salmon pink with lighter shadings and dark red eye.

Europa (Medium). A pure white with a very decided crimson carmine eye large flowers in good compact trusses very distinct.

Firebrand (Medium). Bright vermilion-scarlet with deeper center, large, strong trusses.

Mrs. Milly Van Hoboken (Medium). Color bright pink with a slight and delicate mauve suffusion strong grower and free flowering. The general color effect at a distance is a fine bright pink.

Mrs. Jenkins (Tall). The best tall early white for massing.

New Bird (Medium). Deep crimson-red almost vermilion and purple eye. The flower heads are carried well above the foliage in well branched spikes. A very brilliant and excellent variety one of the best of this color.

Painted Lady (Medium). This delicate colored sort is one of the most pleasing in our entire collection. Strong upright growth and large masses of flower heads. Silver pink with salmon shadings and cherry red eye.

Prof. Verchow (Medium). Bright carmine overlaid with brilliant orange-scarlet.

R. P. Struthers (Tall). Bright rosy-carmine, with claret-red eye.

Thor (Medium). A most beautiful and lovely shade of deep salmon-pink suffused and over-laid with a scarlet glow.

Price 35c. each; \$3.50 per doz. Set of 10 for \$3.00.

Hardy Perennial Plants—Continued

Physostegia Grandiflora Vivid

One of the most beautiful of our midsummer flowering perennials. This is a new variety growing from 18 to 24 inches high. The flowers are a bright violet mauve, much larger than the older sorts. Price 35c. each; \$3.50 per doz.

Platycodon Grandiflora (Balloon Flower)

Considered one of the most beautiful plants for the hardy garden. The balloon shaped buds are almost as attractive as the star shaped flowers. The plants we offer are grown from mixed seed and will produce blue or white flowers. Price 35c. each; \$3.50 per doz.

Rudbeckia, "Golden Glow"

The most popular ever-blooming hardy plant grown. Covered during the season with masses of rich golden-yellow double flowers, resembling Chrysanthemums. It attains a height of from 6 to 8 feet, and a small plant set out in the spring will produce hundreds of blossoms. Price, 35c. each; \$3.50 per doz.

Double Flowering Oriental Poppy *Olympia*

The plant is of compact growth not exceeding 2½ ft. in height. The flowers, when first opening are double but show a slight center with a bunch of stamens as they mature. Color brilliant flame scarlet overlaid with an iridescent glistening salmon. Price, 50c. each; \$5.00 per doz.

Salvia Pitcherii (Blue Meadow Sage)

The flowers of deepest indigo-blue are borne on long slender stalks 3 to 4 feet high during August, September and October. This species will thrive in almost any situation and almost without care. Price 35c. each; \$3.50 per doz.

Valeriana Officinalis (Hardy Garden Heliotrope)

This plant was greatly prized in old-fashioned hardy gardens for its strong heliotrope fragrance. Produces showy beads of rose-tinted white flowers during June and July. Price 35c. each; \$3.50 per doz.

Yucca Filamentosa (Adam's Needle)

One of the hardest and showiest plants we have. The flower spikes are borne in huge panicles above the sword-shaped foliage, which in itself has a sub-tropical effect. The large, white, waxy blooms are drooping in habit. Price, 50c. each; \$5.00 per doz.

Tritoma Pfitzerii

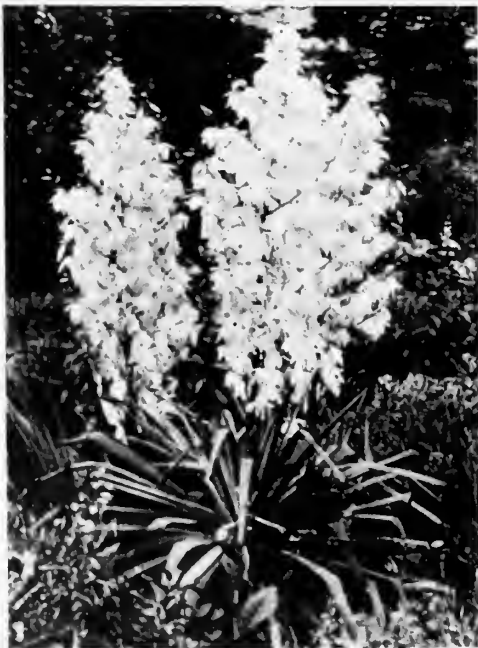
An improved variety of the "Red Hot Poker Plant" or "Torch Lily." It flowers continuously throughout the season. Large spikes of brilliant flame colors, rich yellow at base, with long stalks gracefully posed above the rich green foliage. A bed of this in bloom is a grand sight; a border of it around Cannas is admirable. (See engraving.) Price 35c. each; \$3.50 per doz.

Rock Garden Plants

The construction of a Rock Garden is very simple, especially where stones are plentiful. Often, after clearing up new grounds, masses of stones will be present which would be difficult to dispose of, and these can be used to good advantage.

Select a partially shaded location where the ground has ordinary moisture and is well-drained. Begin by placing the stones so as to allow the moisture from rains to run into the garden and not away from it. After placing a stone in position, work the soil in well around it in order to allow the moisture to work up among the stones and give the proper conditions for growing rock plants. Any air spaces that are left between the stones will prevent an even degree of moisture in the garden.

Rock gardens can be made any height desired, but are usually not more than 10 to 15 inches above the surrounding ground. When building the upper course, be sure that planting spaces 8 to 10 inches in diameter are left so that a number of plants can be planted on the top.



Yucca or Adam's Needle



LIST OF ROCK GARDEN PLANTS

Ajuga Reptans. 4 inches. Deep blue flowers in May and June. Will grow in shade.

Alyssum Saxatile Compactum. 12 inches. Golden yellow flowers in May and June.

Arabis Alpina. 10 inches. White, a good plant for shade. Blooms April to June.

Armeria Maritima. 3 to 6 inches. Pale pink, flowers in May and June.

Aubrietia Eyri. A dwarf creeping plant. Rosy-lilac flowers in May and June.

Callirhoe Involucrat. Bright rosy crimson flowers with white centers all summer, of trailing growth.

Campanula Carpatica. 8 inches. Clear blue flowers June to October. Grows well in shady places.

Cerastium Tomentosum. 10 inches. Silvery foliage and white flower. Blooms in June.

Crucianella Stylosa. 6 inches. Purple ball-shaped flowers in early summer.

Dicentra Eximia. 15 inches. Pink flowers from April to fall.

Gentiana Andrewosi. 2 feet. Intense deep blue flowers July to October.

Geum. Mrs. Bradshaw. 2 feet. Fiery red double flowers May to August.

Hepatica Triloba. Light blue flowers in spring. Grows well in shade.

Henchera Sanguinea. 12 to 18 inches. Bright crimson flowers June to September. 8 to 10 inches. A good rock plant with evergreen foliage and white flowers in spring.

Incarvillea Delavayi. 18 inches. Large rich rose. Gloxinia-like flowers with deep yellow throats all summer. Grows well in shade.

Lychnis Haageana. 1 foot. Flowers of orange-red, scarlet and crimson. June to August.

Mertensia Virginica. 12 to 18 inches. Light blue flowers changing to clear pink May and June.

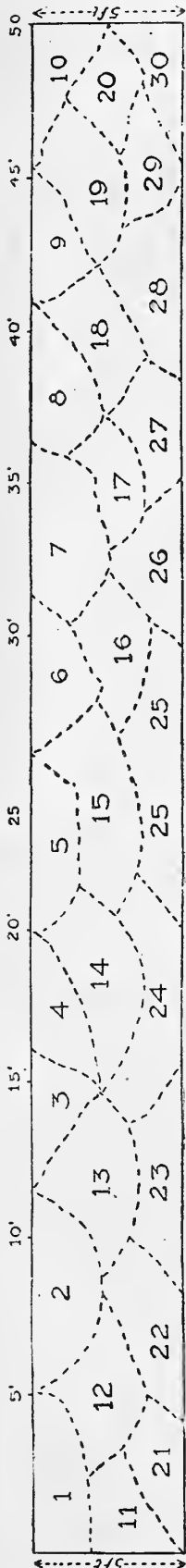
Nepeta Mussini. 12 to 18 inches. Lavender flowers July and August.

Phlox Divaricata Canadense. Fragrant lavender flowers in April and May. Grows well in shade. Height 1 foot.

Plumbago Larpentae. 6 to 8 inches. Of spreading habit. Deep blue flowers from June to fall.

Saponaria Ocmoides Splendens. 8 inches. Bright rosy-pink flowers May to August.

Price for any of the above Rock Garden Plants, 35c. each; \$3.50 per doz.; \$25.00 per 100.



Portion of Hardy Perennial Border Planted from Map at Side of This Page

AN IMPERISHABLE PERENNIAL FLOWER BORDER FOR \$25.00

A sketch plan for a typical Hardy Perennial Border is shown at the side of this page. To make one like it 5 x 50 feet would require 100 plants. We list below 30 varieties of contrasting heights and colors and the number of plants for each group. The number after each variety gives the position in which they should be planted.

Plants	No. on Plan	Plants	No. on Plan	Plants	No. on Plan
3 <i>Lobelia cardinalis</i>	1	3 <i>Anemone Japonica</i>	11	4 <i>Alyssum Saxatile</i>	21
4 <i>Digitalis</i>	2	4 <i>Gaillardia grandiflora</i>	12	4 <i>Dianthus</i>	22
2 <i>Anchusa Italica</i>	3	3 <i>Achillea the Pearl</i>	13	4 <i>Funkia variegated</i>	23
2 <i>Boltonia Asteroides</i>	4	3 <i>Pyrethrum</i>	14	3 <i>Heuchera sanguinea</i>	24
3 <i>Rudbeckia purpurea</i>	5	3 <i>Physostegia Virginica</i>	15	4 <i>Plumbago Larpentae</i>	25
3 <i>Hibiscus</i>	6	3 <i>Hemerocallis flava</i>	16	4 <i>Arabis albida</i>	26
4 <i>Delphinium formosum</i>	7	3 <i>Coreopsis Lanceolata</i>	17	3 <i>Monarda didyma</i>	27
3 <i>Helianthus multiflorus</i>	8	4 <i>Campanula</i>	18	4 <i>Iberis</i>	28
3 <i>Baptisia Australis</i>	9	4 <i>Aquilegia</i>	19	3 <i>Scabiosa</i>	29
3 <i>Gypsophila paniculata</i>	10	3 <i>Papaver</i>	20	4 <i>Phlox Sublata</i>	30

Special Offer. The Imperishable Border Collection, 100 plants, as listed above for \$25.00. Should any of the above varieties be sold out when order is filled we will substitute similar sorts unless instructed to the contrary.

General List of Hardy Perennial Plants

Varieties	Common Name	Height	Color	Time of Bloom
<i>Achillea</i> , "The Pearl".....	Yarrow.....	1½ ft.	White	All Summer
<i>Alyssum Saxatile</i>	Golden Tuft.....	1 ft.	Yellow	Early Spring
<i>Anchusa Italica</i>	Dropmore Variety.....	4 ft.	Blue	All Summer
<i>Anemone Japonica Alba</i>	Windflower.....	2 ft.	White	Fall
<i>Anemone Japonica Rubra</i>	Windflower.....	2 ft.	Red	Fall
<i>Aquilegia</i>	Columbine.....	1 ft.	Assorted	Early Summer
<i>Arabis Albida</i>	Rock Cress.....	6 in.	White	May
<i>Baptisia Australis</i>	Blue False Indigo.....	3 to 5 ft.	Blue	Early Summer
<i>Boltonia Latisquama</i>	False Chamomile.....	5 ft.	Pink	All Season
<i>Campanula</i>	Canterbury Bells.....	2 ft.	Assorted	Early Summer
<i>Coreopsis Lanceolata</i>	Tickseed.....	1½ ft.	Yellow	All Season
<i>Delphinium Formosum</i>	Blue Larkspur.....	3 ft.	Blue	All Summer
<i>Dianthus Barbatus</i>	Sweet William.....	1½ ft.	Assorted	Summer
<i>Digitalis</i>	Foxglove.....	3 to 5 ft.	Assorted	July and Aug.
<i>Funkia Undulata Media</i>	Variegated Day Lily.....	2 ft.	Variegated	Foliage
<i>Gaillardia Grandiflora</i>	Aurora Flower.....	1½ ft.	Orange	June to Nov.
<i>Gypsophila Paniculata</i>	Baby's Breath.....	2½ ft.	White	Summer
<i>Helianthus Multiflorus</i>	Double Sunflower.....	4 ft.	Yellow	All Season
<i>Hemerocallis Flava</i>	Yellow Day Lily.....	2 ft.	Yellow	Summer
<i>Heuchera Sanguinea</i>	Alum Root.....	1 ft.	Red	All Summer
<i>Hibiscus (Crimson Eye)</i>	Mallow.....	4 to 6 ft.	White	Aug. to Oct.
<i>Iberis Sempervirens</i>	Candytuft.....	1 ft.	White	Spring
<i>Lobelia Cardinalis</i>	Cardinal Flower.....	3 ft.	Red	Aug. to Oct.
<i>Monarda Didyma</i>	Oswego Tea.....	1½ ft.	Crimson	Summer
<i>Papaver Orientale</i>	Oriental Poppy.....	3 ft.	Scarlet	Summer
<i>Phlox Subulata</i>	Moss Pink.....	6 in.	Pink	Spring
<i>Phlox Sublata Alba</i>	Moss Pink.....	6 in.	White	Spring
<i>Physostegia Virginica</i>	False Dragon Head.....	3 ft.	Pink	Summer
<i>Plumbago Larpentae</i>	Blue Leadwort.....	1 ft.	Purple	All Summer
<i>Pyrethrum Hybridum</i>	Persian Daisy.....	1½ ft.	Assorted	Summer
<i>Rudbeckia Purpurea</i>	Purple Cone Flower.....	5 ft.	Red Purple	All Season
<i>Scabiosa Caucasica</i>	Blue Scabiosa.....	1 ft.	Lilac	All Summer
<i>Sedum Spectabilis</i>	Brilliant Stone Crop.....	1½ ft.	Ro. Crimson	Fall
<i>Stokesia Cyanea</i>	Stokes Aster.....	1½ ft.	Blue	All Season
<i>Veronica Subsessilis</i>	Speedwell.....	2 ft.	Blue	August
<i>Veronica Spicata</i>	Speedwell.....	3 ft.	Blue	All Summer

Price for any of the above, 35c. each, \$3.50 per doz., \$25.00 per 100; buyer's selection of varieties. Our selection, to be made when the order is being filled, \$2.50 per doz., \$20.00 per 100.

Note.—The heights given include the flower spikes.

Send for our Planting Plan and Instructions for Forming a Hardy Border. **FREE TO ALL.**

164 Flowers and Emerald Lawn, Perfect Setting for the Home

Alternanthera

Alternanthera make fine border plants where something low is wanted. In full sunlight their ornamental leaves are always greatly admired. They grow about eight inches high. We offer the red and yellow varieties. Price, plants from 2-inch pots, 15c. each; \$1.50 per doz.; \$12.00 per 100.

Tuberous Begonias

All Selected Bulbs

These are now among the most popular plants for beds of summer flowers. Nothing can exceed the brilliancy and richness of their flowers. From the time the first blossoms appear until all growth is stopped by frost they are never out of bloom. (See illustration.)

Single Tuberous Begonias

Separate colors, scarlet, yellow, crimson, white, pink and salmon. Price, 30c. each; set of six for \$1.50.

Double Tuberous Begonias

Separate colors, scarlet, crimson, white, yellow, pink and salmon. Price, 35c. each; set of six sorts, \$1.75.

Coleus

Coleus plants are used in great quantities in parks and public gardens, or in any situation where a striking effect is wanted. They make an attractive border for beds of Salvias or Cannas and can be used in masses where a colored foliage effect is wanted.

Verschaffelti. The standard crimson bedding variety.

Golden Bedder. The favorite yellow sort.

Trailing Queen. A trailing variety useful for hanging baskets. Foliage marked yellow and pink, bordered with maroon and green.

Price, plants from 2-inch pots, 15c. each; \$1.50 per doz.; \$12.00 per 100.

Superb Fancy-Leaved Caladiums

Among ornamental foliage plants there are none more beautiful in design or gorgeous in coloring than the **Fancy-Leaved Caladiums**. Useful for pot culture, window and piazza boxes. Most of the varieties planted about June 1st in partially shaded borders succeed admirably as bedding plants. The richness of coloring is bewildering and impossible to describe in our limited space. Brilliant red and green, green with spots and red veins, etc., etc. (See illustration.) Price, 50c. each; \$5.00 per doz.

Dracaena Indivisa

A splendid house or garden plant with slender drooping leaves. It is used extensively as a center plant for vases and for porch and window-boxes. It will stand full exposure to the sun and its long, graceful narrow leaves give a beautiful effect with other plants. It is unsurpassed for hardiness in the house and eminently fitted to contrast with Palms and other Decorative plants. Price, plants from 5-inch pots, \$1.00 each.



New Hydrangeas

Usually grown in tubs for porch and lawn decoration. They can be kept in a cellar during the winter. In sheltered situations they remain in the ground outdoors without injury. The new varieties we offer will be a revelation to those accustomed to seeing only the older sorts.

Deutschland. Clear rose, a strong grower with nicely formed florets.

Gieselheer. Dark carmine red, compact, strong grower; large floret.

Hortalanus Witte. An exceptionally attractive early bright pink. (See illustration.)

Mien Liebling. Magnificent dark salmon-rose; strong flower bracts. Price, strong plants from 5-inch pots \$1.50 each; \$15.00 per doz.; set of 4 for \$5.00.

Herbaceous Hydrangeas

Below we offer the best of the older sorts.

Goliath. Bright rose, very large and vigorous.

Henri Lambert. Very early; color, pale rose.

Lorelei. Bright carmine-rose; free flowering.

Trophee. One of the favorite forcing varieties. Color, watermelon-red.

Price, strong plants from 5-inch pots, \$1.00 each; \$10.00 per doz. Set of 4 for \$3.50.

New Hybrid Gloxinias

The handsomest of our summer-blooming plants. The rich and varied coloring of the flowers are beautiful in the extreme, many being beautifully speckled. Price, assorted colors, 40c. each; \$4.00 per doz.

Hardy Grasses

Arundo Donax. An ornamental grass, growing 10 or 12 feet.

Arundo Donax Var. A variegated form of the above. Foliage green and white.

Eulalia Gracillima. Of graceful habit with very narrow bright green foliage. (See illustration.)

Eulalia Zebrina. The long blades of this variety are marked transversely with golden bars.

Eulalia Japonica, Var. A very ornamental variety. The narrow leaves are striped light green and white.

Phalaris Arundinacea, Var. (Gardener's Garters.) Striped green and white.

Price for above, 50c. each; \$5.00 per doz.



EULALIA GRACILLIMA



Canna Roots are sent transportation paid. On Canna Plants the purchaser pays.

Six Grand Cannas

Eureka. This variety is the result of many years of careful hybridizing, and is the best white Canna for all purposes. Glossy green foliage. Height 4½ feet.

Harmony. Great clusters of Geranium-red flowers arranged in such a manner as to give the trusses an almost globular appearance. Carmine bronze foliage. Height 3½ feet.

Mrs. Alfred F. Conard. This has become the most popular pink Canna ever introduced, and it is unsurpassed for planting either singly or in large beds. It's exquisite pink flowers are of largest size. 4 feet. Green foliage.

Statue of Liberty. An extremely vigorous grower with bronze foliage and large orange-scarlet flowers. Height 6 feet.

Sungold. A dazzling free flowering variety. Color Chinese orange overlaid with a touch of fiery scarlet and a narrow golden yellow border. Height 4½ feet.

Timbuctoo. A recent introduction from France. Golden yellow flowers are freely produced on long stems. Height 3½ feet.

Price, dormant roots, 40c. each, \$4.00 per doz. Growing plants ready April 1st, 50c. each, \$5.00 per doz. Set of six grand Cannas, offered above dormant roots, \$2.00, growing plants, \$2.50

Cannas in Quantity for Massing

Favorite. The best yellow dotted with red. The yellow is as bright as the "buttercup" of our fields and the dots not too pronounced add to its beauty without detracting from the golden mass. Height 4 to 5 ft.

Hungaria. Large florets in good sized trusses; freely produced. The color is a beautiful rose-pink. Height 3½ ft.

King Humbert. A brilliant orange-scarlet with bright red shadings. Large trusses of blooms, the individual flowers being six inches in diameter. Foliage a rich, reddish bronze with lighter shadings. Height 5 ft.

Little Gem. This makes a compact mass of handsome green leaves surmounted by a wealth of brilliant orange-scarlet flowers edged with brilliant yellow. The height rarely exceeds two feet, so that its value for edging, for centers of low beds, for planting in herbaceous borders, or for pot culture is apparent. An early and continuous bloomer.

Louis Cayeux. The flowers are large, have broad petals, gracefully rounded and slightly crimped. Color bright rosy scarlet. Height 4 ft.

Queen Charlotte. Intense scarlet, rich and dazzling; golden yellow edge. Does not fade or scorch in hot weather. Height 3 ft.

Richard Wallace. This is an ideal bedding variety; color a refreshing canary yellow. The flowers are of good size held well above the foliage, a clean vigorous grower, and very free flowering. Height 4 ft.

The President. Green foliage. Color bright glistening scarlet. The individual florets often measure seven inches across when open. The flowers are borne on firm upright stems, just high enough above the foliage to show the entire head. Height 5 ft. (See illustration.)

Yellow King Humbert. A green-leaved sport of the popular King Humbert. It has the same habit of growth and free flowering qualities, but the flowers are bright yellow and lightly spotted with red. This is the best yellow Canna now on the market. The flowers are of the largest size, heads full and borne well above the foliage.

Price, dormant roots, 25c. each, \$2.50 per doz., \$15.00 per 100. Growing plants, ready April 1st, 30c. each, \$3.00 per doz., \$20.00 per 100. Not less than 50 sold at the 100 rate.



Henderson's

"FORGET-ME-NOT"

Collection of Seventeen Hardy Perennial Flowers
Shown in Color on Page 2 of Cover

A succession of bloom with a picturesque effect can be obtained by planting this collection. The different varieties flower at different periods and vary in natural heights, the effect in the garden is a continued source of pleasure, while for cutting purposes most of the varieties are charming and graceful.

The letter prefixed to each variety is a key to the flowers shown on page 2 of cover

- | | |
|---------------------------------|----------------------------|
| A. Hollyhock. Double mixed. | I. Scabiosa. Blue. |
| B. Forget-Me-Not. Blue. | J. Alyssum Hardy. Yellow. |
| C. Delphinium. Blue. | K. Coreopsis. |
| D. Pyrethrum Hybridum. Mixed. | L. Poppy. Hardy mixed. |
| E. Sweet William. Mixed. | M. Aquilegia. Mixed. |
| F. Hardy Phlox. Assorted. | N. Gaillardia. Hardy. |
| G. Canterbury Bells. Mixed. | O. Carnation. Hardy mixed. |
| H. Digitalis. Mixed. | P. Aster. Hardy mixed. |
| Q. Chrysanthemum. Shasta Daisy. | |

Special Offer—1 plant each of 17 varieties for \$5.00; 3 plants each of 17 varieties for \$13.50; 6 plants each of 17 varieties for \$25.00.



HENDERSON'S POT GROWN PLANTS FOR BEDS AND BORDERS

Ready April 15

Ageratum or Floss Flower

Dwarf compact-growing plants, attain a height of 6 to 12 inches high. Splendid for bedding, edgings or pots. Ageratums produce flowers of deep amethyst-blue freely all through the summer. Price, plants from 2-inch pots, 15c. each; \$1.50 per doz.; \$12.00 per 100.

Alyssum, Sweet

"**Carpet of Snow.**" This variety is pure white and grows only 2 to 3 inches high and flowers profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edging and bedding this is a very satisfactory little annual. Price, plants from 2-inch pots, 15c. each; \$1.50 per doz.; \$12.00 per 100.

Giant Antirrhinum or Snapdragon

These improved "Snapdragons" produce flowers nearly double the size of the old varieties. They commence to bloom early in the summer and increase in profusion until killed by frost. They are very valuable for cutting; while in beds or borders their pure, bright colors are a source of constant delight. We offer the following varieties:

Canary Bird. Pure soft canary yellow. **Purple King.** Bright purplish red. **Cerberus.** Rich carmine red. **Snowflake.** Pure white, yellow throat.

Defiance. Old gold color. **The Rose.** Bright rose pink. Price, plants from 2-inch pots, 15c. each; \$1.50 per doz.; \$12.00 per 100.



Henderson's Famous Dahlias Over one hundred of them—the cream of the world's introductions—are offered on pages 154 to 159.



Geraniums

Geraniums are always popular because people are successful with them almost everywhere. They flower freely all season until killed by frost, and with very little care will do well in heavy or light soil. We offer double rose-pink, double salmon-pink, double white and double red.

Price, plants from pots, 35c. each; \$3.50 doz.; \$25.00 per 100.

Henderson's Invincible Asters

Henderson's Invincibles are the highest achievement in China Asters, and a superior race in every way. The plants are of very healthy, robust, branching growth, about 2 feet high—though under best culture often 3 feet—producing on long stems, massive Chrysanthemum-like flowers of perfect form, graceful outline, exceedingly double to the very center.

Carmine-rose. Bright rosy-carmine. **Lavender.** Charming silvery-lavender. **Crimson-brilliant.** Rich bright red. **Pearl Pink.** Exquisite blush and shell-pink. **Deep Blue.** Bright indigo-blue. **Violet-purple.** Rich velvety purple. **Deep Pink.** Lively warm rose-pink. **Pure White.** Purest snow-white.

Price, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.

Begonias—Fibrous-Rooted Varieties

Prima Donna. A splendid new Begonia of the "Gracilis" type growing into bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1 1/4 inches in diameter, rose color shading to carmine in the center. For bedding or pots it is a gem. **Red Erfordia.** A large-flowered strain of this popular bedding Begonia, producing glossy bright crimson flowers in phenomenal profusion from May until frost; foliage dark, plants bushy and compact, about 10 inches high. It is also a good winter-flowering pot plant. **Vernon.** Fine bedding and pot plant 6 inches high; blood-red flowers in profusion.

Price, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.

Heliotropes

These well-known garden favorites are always in demand because of their delicious fragrance. Plants set out in the spring become established quickly and flower freely until killed by frost. We offer fine plants of these, the new giant, French, and the standard blue, also white. Price, 15c. each; \$1.50 per doz.; \$12.00 per 100.

Giant Moon Flower

Ipomea Maxima. The flowers are more than twice the size of the old variety, selected flowers reaching 7 1/2 inches, and are produced in such wonderful profusion that they completely cover the vine with a veil of glistening white. On moonlight nights and cloudy days the effect is charming in the extreme. It forms a perfect screen of rich green foliage. Add to these qualities its delightful sweet magnolia fragrance and prosiac fact or poetic fancy could not ask for more. (See illustration.) Price, 25c. each; \$2.50 per doz.

It is True Economy to Grow Flowers and Vegetables 167

HENDERSON'S POT-GROWN PLANTS FOR BEDS AND BORDERS

READY APRIL 15

Lemon Verbena

An old favorite with delightfully scented foliage. The leaves when dried will retain their odor for a long time. Price, plants from 2 inch pots 25c. each; \$2.50 per doz.

Marigolds

Marigolds are old favorites in our garden, they are showy especially in masses and add color in mixed borders. They flower from June till frost. We offer tall and dwarf sorts.

Price, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.

Bedding Petunias

Bedding Potunias are indispensable for garden decoration. They continue to grow, bud and bloom in luxuriance until frost. The plants we offer are grown from our very finest strain of seed, producing large, single flowers, blotched, striped, netted, etc., including all the Petunia colors; height 1 foot.

Price, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.

Salvia or Scarlet Sage

Scarlet Dragon. Full-grown plants in bloom form compact bushes 3 feet across by 3 feet high, and bloom from ground to summit. The waving masses of glistening scarlet against green surroundings of lawn or foliage is matchless.

Tom-Thumb Zurich. Of dwarf, compact growth, forming oval bushes 15 to 18 inches high, thickly studded with fine spikes of scarlet flowers. For bedding it is brilliantly effective, either planted alone or as a front row for the taller Salvias.

Price, plants from 2-inch pots, 15c. each; \$1.50 per doz.; \$12.00 per 100.

Stocks, Henderson's Colossal Ten Weeks

Remarkably Free Blooming Large Double Flowers

This magnificent strain is without a rival for open-ground planting, attaining a height of 2½ feet, the spikes of bloom are very long, and the individual flowers are very double. These popular flowers are easily grown, are highly fragrant and of great beauty. They deserve a place in every garden.

Blue Bells. Pretty shade of blue.

Mount Blanc. Purest white.

El Dorado. Sulphur-yellow.

Rosy Morn. Delicate rosy-flesh.

Grand Rouge. Brilliant crimson.

Price, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.



The Annual plants offered on this and page 166 are ideal for window and porch boxes, also for roof gardens.

Mammoth Verbenas

This distinct and beautiful race we originated, introduced and named. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled; flowers of the most brilliant colors produced continually from spring until late in the autumn.

Price, mixed colors, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.

Henderson's New Giant Zinnia

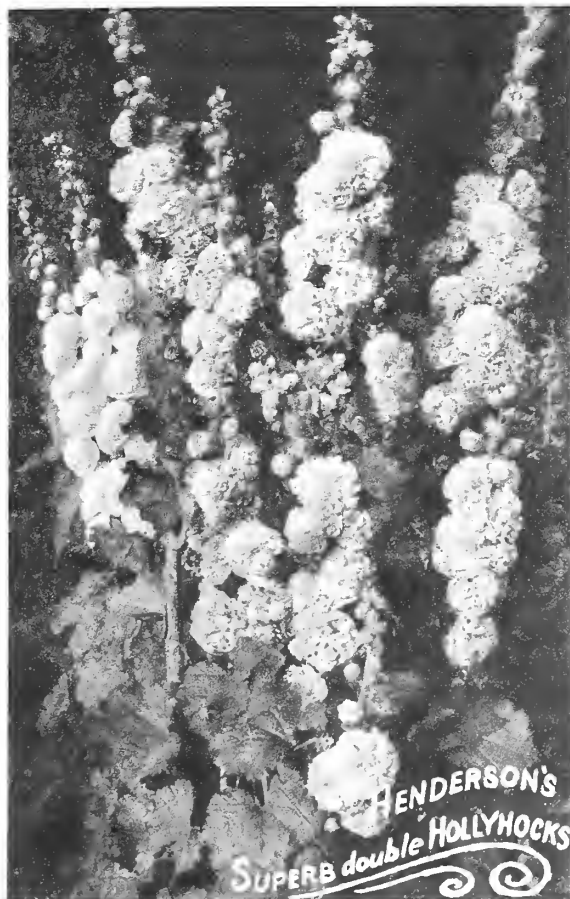
These grand annuals are of the Giant or Mammoth-flowering type, and are in every way superior to the old varieties. Zinnias are now seen in flower gardens throughout the country, primarily because they will grow and flourish under unfavorable conditions. Given a fair soil, they will bloom continuously from July until frost.

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers measuring from 4 to 6 inches in diameter. Giant Zinnias are one of the best plants for beds, borders and cutting.

Price, mixed colors, plants from 2-inch pots 15c. each; \$1.50 per doz.; \$12.00 per 100.

Henderson's Superb Double Hollyhocks

This grand strain of Hollyhocks we have secured only after years of careful selection. We grow annually thousands of these, and have for years selected those that show the most perfect form, largest size and purest color. In the whole range of hardy garden plants there were none more majestic, gayer in appearance or more generous in blooming. (See illustration.) We offer the following colors: **Purple, Crimson, White, Salmon, Yellow, Pink.** Price, 30c. each; \$3.00 per doz.; \$20.00 per 100. Collection of 6 for \$1.50.



Purchaser pays transportation charges on Plants offered on this page.



A selection of the best
**HARDY
 FLOWERING
 SHRUBS**
for the home grounds

Hardy Flowering Shrubs

These are all 2 to 3 years, transplanted, and range from 1 to 3 ft. in height, according to variety; some being stronger growing, are consequently taller at the same age. In the description of each variety we give the natural heights at maturity, but they can be kept any size desired by pruning. Those marked * may be planted in a shady place.



Althea (Rose of Sharon)

One of the best known ornamental shrubs; easy to grow and valuable for their late blooming. Grows to a height of 10 to 12 ft. and flowers in August and September. We offer Double White and Double Red. Price, 75c. each; \$7.50 per doz.

Berberis Thunbergii

(Japanese Barberry)

Of low, spreading growth, forming a dense impenetrable bush. The branches are set with sharp thorns. Small yellow flowers in the spring followed by bright scarlet berries in the late summer and fall. The foliage turns orange and scarlet in the autumn. A valuable hedge plant, especially interesting because of its graceful drooping habit. Height 4 to 6 ft. Price, 35c. each; \$3.50 per doz.; \$25.00 per 100.

Buddleia Magnifica

(Butterfly Shrub)

The long, graceful spikes of flowers are of a pleasing, rich violet rose and are produced in profusion from early June until late Autumn. Price, 75c. each; \$7.50 per doz.

*Calycanthus Floridus

(Strawberry Shrub)

A strong, upright grower with large, handsome foliage. Peculiar reddish-brown sweet scented flowers in May. It grows to a height of 4 to 6 ft. and will thrive either in sunny or shady places. Price, 75c. each; \$7.50 per doz.

*Forsythia Viridissima

A spring flowering shrub of easy culture; vigorous growth and free flowering habit. One of the first shrubs to flower in the spring; the deep yellow flowers are produced before the foliage. Height, 10 to 12 ft. Price, 75c. each; \$7.50 per doz.

*Deutzia

Very ornamental shrubs planted either singly or in a border. The tall varieties may be used for a background and the dwarf for a border. They thrive in any good soil and are profuse bloomers. We offer the following varieties: (See illustration.)

Deutzia Crenata. Flowers pure white tinged rose color. Height 6 to 8 ft. Blooms in June and July. Price 75c each; \$7.50 per doz.

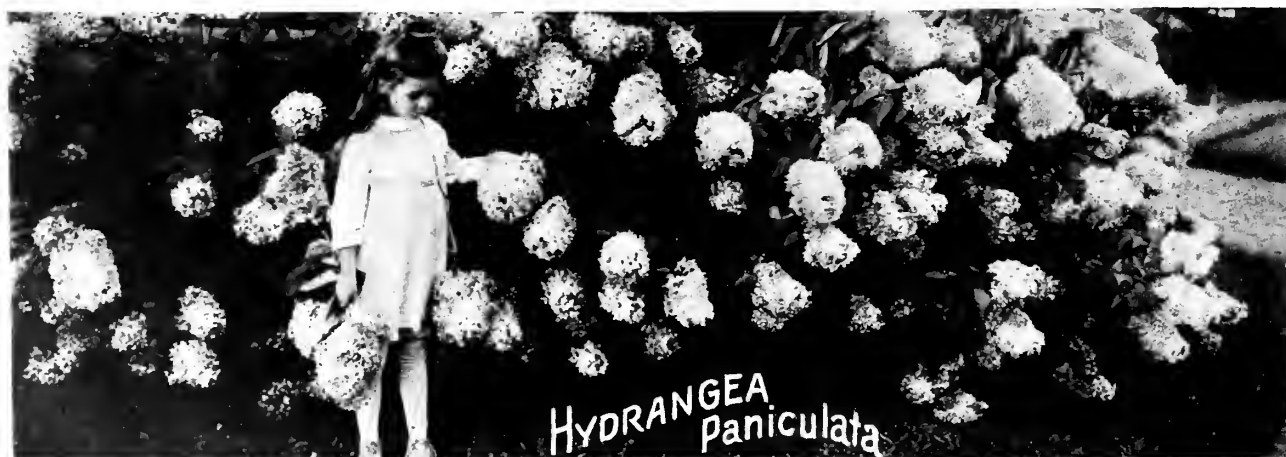
Deutzia Pride of Rochester. Double white flowers in June and July. Height 6 to 7 ft. Price, 75c. each; \$7.50 per doz.

Hydrangea Arborescens Grandiflora

A variety of *H. arborescens*, recently discovered. The heads of flowers are in shape like *H. hortensis*; they are snowy white. It is a true shrub, begins to bloom in early summer and continues into the fall, so that it is practically ever-blooming. After *H. paniculata grandiflora* has lost its color this variety is still fresh, eventually turning to a light green and then brown. It is a graceful shrub and is destined to achieve the widest popularity. It attains a height of 6 ft. and the same width, and is literally loaded with its grand panicles of large snowy white flowers, one of the grandest sights imaginable. Price, strong two-year-old plants, 2 to 3 ft. high, \$1.00 each; \$10.00 per doz.

Hydrangea Paniculata Grandiflora

This is the most popular hardy shrub in cultivation. It attains a height of 8 to 10 ft.; perfectly hardy in all parts of the country. The flowers are white when first open, but change to pink and russet brown. They are borne in immense pyramidal panicles, nearly a foot in length. It commences flowering in August and continues in bloom the rest of the season, the flowers drying on the bushes. (See illustration.) Price, strong plants, 2 1/2 to 3 ft. high, 75c. each; \$7.50 per doz.



Hydrangea Paniculata Grandiflora makes an ideal dividing line between properties

Our pamphlet on the Pruning and Care of Hardy Shrubs and California Privet sent free on application.

Use Henderson's Shrub Fertilizer for Vigorous Growth 169

A Selection of the Best

Hardy Flowering Shrubs—*Shrubs continued*

Lilac

These old-fashioned shrubs are always popular and with the present revival of the "old-fashioned" garden no collection is complete without them. Everyone wants lilacs in May. They add beauty and sweetness to any surroundings with their exquisite plumes of purple and white flowers. (See illustration.)

Lilac Purple. The old-fashioned purple variety. Height, 12 to 14 feet. Price, 75c. each; \$7.50 per doz.

Lilac White. Beautiful pure white flowers. Height, 12 to 14 feet. Price, 75c. each; \$7.50 per doz.

*Philadelphus

Very desirable free-blooming shrubs of erect habit and easiest culture in any common soil. The sweet scented variety Coronarius or Mock Orange is almost as well known as the Lilac. (See illustration.)

Philadelphus Coronarius. (Mock Orange.) Sweet scented, pure white flowers. Height, 8 to 10 feet. Price, 75c. each; \$7.50 per doz.

Philadelphus Lemotnei. An improved variety. White flowers in June. Height 6 to 8 feet. Price, 75c. each; \$7.50 per doz.

Prunus Triloba, Double Flowering Plum

A most ornamental early flowering shrub of vigorous growth. The light pink double flowers are produced in early spring before the leaves develop. Height, 4 to 6 feet. (See illustration on page 168.) Price, 75c. each; \$7.50 per doz.

Symphoricarpus Racemosus, (Snowberry)

An old favorite. In July and August it has small pink flowers which are followed by great numbers of large pure white, waxlike berries in clusters that remain until freezing weather. Conspicuous and interesting. Price, 75c. each; \$7.50 per doz.

Spirea

The Spireas will grow in almost any soil but thrive best where the ground is moist and well drained.

Spirea Anthony Waterer. Carmine crimson flowers from June to November. Height, 2 to 3 feet. Price, 75c. each; \$7.50 per doz.

Spirea Prunifolia. (Bridal Wreath.) One of the showiest spring shrubs. In May the branches are covered with small double white flowers. Height, 6 to 8 feet. Price, 75c. each; \$7.50 per doz.

Spirea Thunbergii. Of dwarf bushy habit, rarely exceeding 3 feet in height. White flowers in April and May. Price, 75c. each; \$7.50 per doz.

Spirea Van Houttei. Flowers of pure white, borne in greatest profusion in June. Very showy. Height, 8 to 10 feet. (See illustration.) Price, 75c. each; \$7.50 per doz.



Viburnum Plicatum

(Japan Snowball)

One of the choicest hardy shrubs. A strong growing bush with spreading branches and wrinkled foliage. The snow-white flowers are produced in June and are much larger than the common snowball. Height, 8 to 10 feet. Price, 75c. each; \$7.50 per doz.

*Weigelia

It is safe to say there is no shrub more deservedly popular. All of the varieties are very ornamental and should be found in every collection.

Weigelia Candida. White flowers in great profusion from June to November. Height, 6 to 8 feet. Price, 75c. each; \$7.50 per doz.

Weigelia Eva Rathke. Very distinct. Color deep carmine red. Flowers continuously throughout the summer and autumn. Height, 6 to 8 feet. Price, 75c. each; \$7.50 per doz.

Weigelia Rosea. Rich rose colored flowers in June and July. A beautiful shrub. Height, 6 to 8 feet. Price, 75c. each; \$7.50 per doz.

California Privet for Hedges

(See illustration)

The illustration shows a section of a hedge of the famous *California Privet*. Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually.

Price, strong shrubs, 1 1/2 to 2 feet high, \$1.00 per doz.; \$6.50 per 100; \$60.00 per 1,000; extra strong, 2 to 3 feet high, \$1.50 per doz.; \$8.50 per 100; \$80.00 per 1,000.

Our Pamphlet on the Pruning and Care of Hardy Shrubs and California Privet sent free on application.



To create a "Garden Beautiful" in the shortest space of time plant Henderson's Collection of Dahlias on pages 154 and 159 and on inside page of back cover. Also Collection of Gladiolus and Summer Flowering Bulbs 140 to 146.

170 Henderson's Climbing and Creeping Perennial Plants

Ampelopsis Veitchii

Sometimes called "Boston Ivy" and "Japan Ivy"

Entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful autumn foliage. (See illustration). Price, strong, one-year pot-grown plants, 35c. each, \$3.50 per doz.

Bignonia Radicans or Trumpet Creeper

Well adapted for covering walls, arbors, and unsightly places where a showy flowering vine is desired. It is a rapid grower perfectly hardy and thrives well in exposed places. The flowers are trumpet-shaped and a brilliant orange scarlet. Price, 50c. each, \$5.00 per doz.

Celastrus Scandens

A rapid growing climber with ornamental light green foliage, yellow flowers in June and bright orange, yellow and crimson fruit in the autumn. It is known by the popular name Bitter Sweet. Price, 50c. each, \$5.00 per doz.

English Ivy for Window Boxes

The English Ivy is used extensively for window boxes and bases during the summer; its value for outdoor window boxes in winter is recognized widely, as the display at the large hotels and fine private residences shows. It is also a good climbing plant for the house. For covering graves in cemeteries it is unsurpassed, being evergreen. Used extensively also as a hardy climber. (See illustration). Price, strong plants, 50c. each; \$5.00 per doz.

The Fleecy-White Fragrant Clematis

Clematis Paniculata

Blooms in the early fall and is one mass of fleecy-white fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 ft in a season, it is insect-proof, it is perfectly hardy itself to all situations, thrives everywhere, and need be seen to be admired. (See engraving). Price, strong 2-year plants, 50c. each, \$5.00 per doz.

It will grow
it adapts
only



AMPELOPSIS or
Boston Ivy

Clematis, Jackmanii

The best-known and most valued variety. Color rich, dark, royal purple. Price, strong plants, \$1.00 each; \$10.00 per doz.

Japanese Honeysuckles

Lonicera Halleana. (Hall's Japan Honey-suckle.) Pure white flowers, changing to yellow. Very free blooming and fragrant. Price, 50c. each, \$5.00 per doz.

Lonicera, Brachypoda. (Evergreen Sweet Scented Honeysuckle.) Flowers buff, yellow and white. One of the most vigorous. Price, 50c. each, \$5.00 per doz.

Pachysandra Terminalis

A trailing plant which grows 6 to 8 in. high, forming a dense mat. The small flower spikes are grayish white and produced in May and June. It is largely used as a ground cover in shady places, being one of the few plants that will thrive under trees, does equally well in sunny locations and makes an excellent border for hardy shrubs, flower beds and walks. Price, 35c. each, \$3.50 per doz.

Aristolochia Sipho

Dutchman's Pipe Vine

A vigorous and rapid growing climber. Large, showy, light green foliage; flowers long and pipe shaped. Where a dense screen is desired nothing can be better. Price, \$1.00 each; \$10.00 per doz.

Vinca

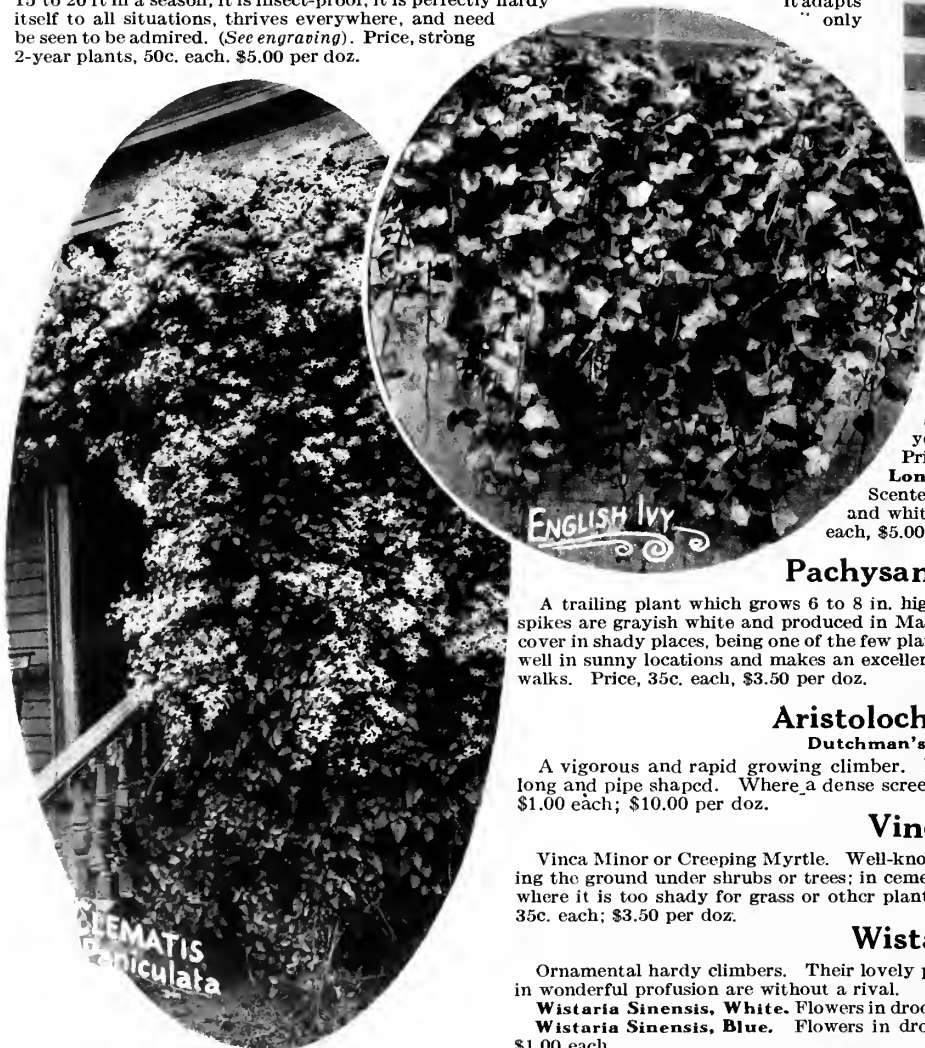
Vinca Minor or Creeping Myrtle. Well-known trailing plant used extensively for covering the ground under shrubs or trees; in cemeteries for covering graves. They will grow where it is too shady for grass or other plants to thrive. Delicate blue flowers. Price, 35c. each; \$3.50 per doz.

Wistaria

Ornamental hardy climbers. Their lovely panicles of blue and white flowers produced in wonderful profusion are without a rival.

Wistaria Sinensis, White. Flowers in drooping clusters, pure white. Price, \$1.00 each.

Wistaria Sinensis, Blue. Flowers in drooping clusters, soft lavender blue. Price, \$1.00 each.



ENGLISH IVY

CLEMATIS
Paniculata

Read "Garden Culture of Small Fruits" by Chas. Henderson 171

Henderson's Selected Blackberries

(If wanted by Parcel Post add 10c. per doz. for packing and postage)
Blowers. A strictly fancy variety. Berries very large, attractive and of superb quality.

Eldorado. The berries are very large, jet black, borne in clusters and ripen well together.

Merserau. A mammoth early, ironclad bardy berry. Exceptionally sweet and melting, being without core.

Dewberry Lucretia or Creeping Blackberry, conceded to be the best of its class. Berries firm, sweet and luscious throughout. Very early.

Price for the above Blackberries, \$1.00 per doz.; \$6.00 per 100.

Blackberry Macatawa

The fruit is very large and handsome, intense black with a very high polish and without any core, juicy, high flavored, of so superior a quality that it is in a class by itself. Price, \$1.50 per doz.; \$7.50 per 100.

New Blackberry Joy

An excellent new midseason variety for the home garden. The berries are of large size and superb quality, with a flavor that is rich, sweet and luscious. They are almost as thick as they are long, and coal black. The canes are ironclad, hardy, of stocky, vigorous habit; so stout and strong that they do not need staking. It is one of the most reliable of all blackberries and never fails to mature a large crop. (See illustration.) Price, \$2.00 per doz.; \$10.00 per 100.

Henderson's Selected Raspberries

Black Varieties

(If wanted by Parcel Post add 10c. per doz for packing and postage)

Black Diamond. A berry very popular among western New York growers. One of the strongest growers making an abundance of good, clean wood which ripens up well in the fall, thus enabling it to withstand the cold winters remarkably well. Fruit jet black and juicy with few seeds.

Cumberland. In size the fruit is simply enormous, the berries measuring seven-eighths of an inch in diameter, but in spite of this, the fruit is possessed of unusual firmness. Extremely vigorous and remarkably free from disease.

The "Munger." The fruit is black and resembles Gregg very much. It is a better flavored berry than Gregg, tougher in texture, and therefore a better shipper. In size it excels Gregg, and is extra fine for the table and preserving.

Price for the above Raspberries, \$1.00 per doz.; \$6.00 per 100.

Red Varieties

Cardinal. This wonderful berry is a surprise in the fullness of its merit, great growth, extreme hardiness and wonderful productiveness. It will grow 10 feet high and bear accordingly, producing its choice, rich, red, pure-flavored fruit in marvelous abundance.

Miller. An early variety, large fruited and profuse bearer; vigorous

grower, with large and abundant foliage; color, brilliant red; sweet, luscious flavor.

The King. The earliest red raspberry grown. Large fruits, firm, beautiful light crimson color; the quality is excellent.

Price for the above Raspberries, \$1.00 per doz.; \$6.00 per 100.

Continuous-Fruiting Red Raspberry—St. Regis

Fruits from June to Frost. (If wanted by Parcel Post add 10c. per doz. for packing and postage)

It is the earliest of all red raspberries; beginning to ripen in New Jersey from June 15th to 20th—just as the strawberry crop is waning.

It is wonderfully prolific; the first or main crop being far greater than that of any other red variety known; it succeeds upon all soils, and the canes are absolutely hardy.

It fruits on the old canes in generous quantities until late in August. By that date berries begin to ripen upon the young canes, which continue to produce berries in increasing numbers until severe frost.

The berries are a bright crimson, of large size and surpassing quality—rich, sugary, with full raspberry flavor. They are of exceedingly meaty, firm texture and keep in good condition longer, after being gathered, than any other red raspberry.

Price, strong transplanted plants, \$1.50 per doz.; \$8.00 per 100. (See illustration.)

Henderson's Vegetable Plants and Roots

Chives. Price, per clump, 25c. each, \$2.50 per doz.; \$18.00 per 100.

Horse Radish Roots. Price, 35c. per doz.; \$2.00 per 100.

Lavender, Pot-grown. Price, 25c. each, \$2.50 per doz.; \$15.00 per 100.

Mint (Spearmint), Pot-grown. Price, 25c. each; \$2.50 per doz.; \$15.00 per 100.

Parsley, Emerald, Pot-grown. Price, 15c. each; \$1.50 per doz.; \$8.00 per 100.

Tarragon, True French. Price, 35c. each; \$3.50 per doz.; \$20.00 per 100.

Rhubarb Roots

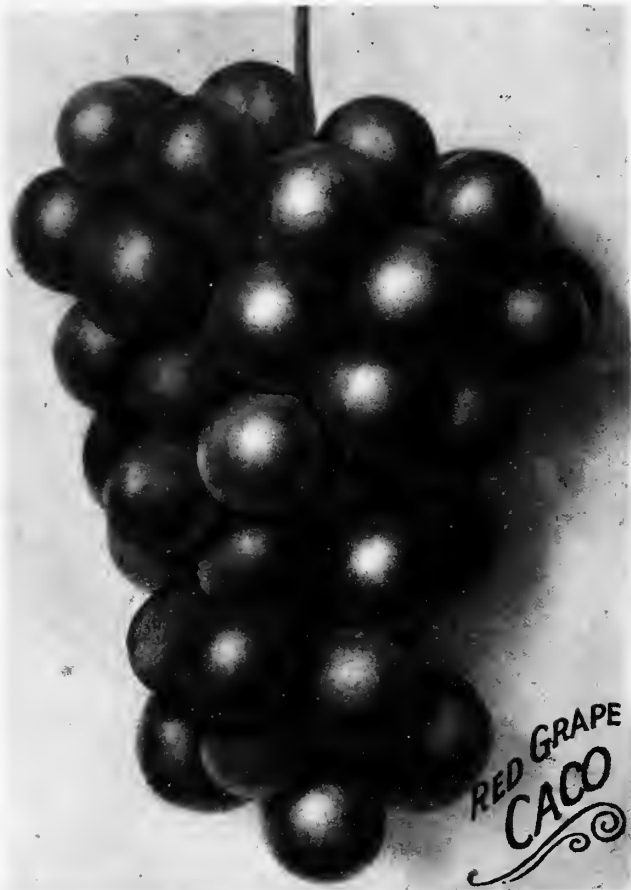
St. Martin's. It is not only immensely productive, but it is also one of the earliest and has a rich spicy flavor. (See illustration.) Price, 30c. each; \$3.00 per doz.

Linnaeus. Bright red stalks. Price, 25c. each; \$2.50 per doz. If wanted by Parcel Post add postage at Zone Rates. Weight 3 lbs. per doz.



Plant Grape Vines for Profitable Shade

Henderson's Selected Hardy Grapes



The best soil for Grapes is a rich well drained loam. A hole should be dug at least 2 ft. deep and wide and the bottom filled in with rubble to secure proper drainage. Enrich the soil well with manure or bone meal. In planting spread the roots in a lateral direction at least 4 in. under the surface. Firm the soil around the roots and water.

Caco or Catawba Concord

A cross between the old favorite Catawba and the well-known Concord. It ripens a little in advance of the Concord. This variety fully equals the Concord in strength and rapidity of growth and is very hardy. The color is a rich, sparkling wine-red, with abundant bloom. Bunch large; berry medium to large and almost round. The crowning merit, however, is its quality, surpassing in tenderness of pulp, luscious flavor and aroma the Catawba, while it is as prolific as the Concord.

Campbell's Early

Some points of special merit in Campbell's Early are a very strong, vigorous hardy vine, with thick, heavy, mildew-resisting foliage, and bearing abundant clusters; very large, compact and handsome. Berries large, often an inch or more in diameter; black, with light purple bloom; skin thin, but very tenacious; flesh firm but tender, parting easily from its few and small seeds. Flavor rich, sweet, slightly vinous, free from foxiness. Its season is very early, and its keeping qualities remarkable.

Green Mountain

(Winchell.) This, the earliest white grape, has been thoroughly tested over a wide area, and has proved most satisfactory. It combines hardiness, fruitfulness, vigor, good size and excellent quality. Bunch medium to large, shouldered; berries medium, greenish-white; skin thin, tough, pulp tender, sweet, with few seeds; the flavor is excellent.

Concord

Generally considered the best American Grape. Bunch and berries large; color black with a rich bloom. A strong grower, very hardy, healthy and productive. The variety used exclusively for grape juice and a reliable sort for general cultivation.

Delaware

An old standard red variety. Berries small and compact, skin thin but firm, flesh juicy, very sweet and refreshing. A moderate grower it responds quickly to good culture.

Niagara

The old favorite white Grape. Bunch large and handsome. Berries medium size, round, skin thin, tough, does not crack and ships well. Sweet with a flavor and aroma peculiarly its own. Ripens with Concord or a little earlier.

Price of the above, 2-year vines, \$1.00 each, \$10.00 per doz.

Henderson's Selection of the Newer Strawberries

The Strawberries following were transplanted into cold frames in the fall, and if planted out any time before May 5th, will, under proper conditions, fruit some the present year.

All the varieties offered are perfect flowering (bisexual) except where marked P or pistillate. The latter must have a row of a perfect flowering sort every nine or twelve feet to pollenize their blossoms.

Bushel-basket. (Mid-season, Perfect Flowering.) This veritable giant is creating a genuine sensation throughout the New England States. It is an immense plant, fruiting in mid-season; and the fruit, though unusually large, is freely produced and of high quality.

Chesapeake. (Mid-season to Late, Pistillate.) A splendid grower making just enough runners for a matted row. The plants root deeply, are vigorous and healthy, with large foliage. One of the best in flavor, shape, size, color and appearance. The berries, when good and ripe, are rather dark, like Marshall.

Early Jersey Giant. (Early, Perfect Flowering.) There is no known variety that ripens earlier and none bearing large berries that come near it in earliness. The berries are brilliant crimson scarlet in color, very firm, conical in shape, with pointed tip and it colors all over at once. They have a rich aroma, and delightfully mild wild strawberry flavor.

Edmund Wilson. (Mid-season, Perfect Flowering.) This is not a commercial variety, but one for the home garden. The berries are bluntly heartshaped in form, deep maroon in color, with firm, smooth surface. The plants soon fill a space a foot square, and grow to a height of 15 inches.

John H. Cook. (Mid-season, Perfect Flowering.) This is the finest of all the wonderful Van Fleet Hybrids. It is an enormous cropper, ripening with the second early varieties. The berries are of exquisite quality, blood red in color, and very firm. Of superlative excellence for the home garden, and of untold value to the market grower. In delicious flavor it closely approaches the wild strawberries.

Stevens Late Champion. (Late, Perfect Flowering.) One of the latest of the late, it is also one of the best either for the home garden

or for market. It is a big producer of fine, large, bright colored berries holding up in size well to the very end of the season. Its very late bloom makes it immune to late spring frosts, and it is in full fruit when most other varieties have entirely finished their fruiting season.

Price of the Newer Strawberries, 50c. per doz.; \$3.00 per 100; \$18.00 per 1000.

Fall-Fruiting Strawberries

The varieties described below will produce fruit at the same season as the ordinary strawberries, and keep on bearing until frost; yet to get the best results the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. Treated in that way, ripe fruit will be borne in about three weeks after that date and continuously until frost.

Champion Everbearing. This is one of the newer varieties that promises to be a decidedly more prolific sort than Superb, which it resembles in habit of growth and appearance of fruit.

Lucky Boy. Claimed to be "the biggest, sweetest, and most productive ever-bearing strawberry as yet produced." From its behavior with us and the enthusiastic reports we have received from other growers, we feel it is destined to be the "ever-bearing variety of the future."

Mastodon. Called by some the Wonderberry. A large, heavy yielding ever-bearing variety of delicious flavor yields a large crop in June and continues to bear berries of amazing size and surpassing quality throughout the summer and fall.

Progressive. A splendid grower, healthy and hardy, very productive. Both blossoms and fruit are well protected by the strong healthy foliage. The fruit is rich and sweet; a deep red inside and out; of good medium size, with a slight neck and quite firm.

Price, 75c. per doz.; \$4.00 per 100.

Note.—The Strawberry plants offered in this catalogue cannot usually be supplied after May 5th. Our summer list of *Pot-grown Strawberries* is usually ready about June 15th, and is mailed free to customers, or may be had upon application by mail when ready.

"The Garden Culture of Small Fruits," a pamphlet giving practical instructions on the planting and subsequent care of Garden Fruits, will be sent free to customers on application.

Implement Department

A Complete Selection of Modern Implements, Fertilizers and Insecticides

SPECIAL NOTICE.—We prepay transportation charges on Fertilizers by parcel post, express, or freight at our option within the 1st and 2d Zones (150 miles of New York City). Purchasers beyond these zones pay transportation charges.

DOMESTIC PARCEL POST RATES				First Pound	Each Additional Pound
Within the U. S. and Possessions				(over 8 ozs. rates as 1 lb.)	or fraction
1st, 2d & 3d Zones weight limit 70 lbs., other Zones 50 lbs. Size limit 84 inches for combined length and largest girth					
First	Zone within	50	miles of	7c.	1c.
Second	" "	50 to	150 New York City	7c.	1c.
Third	" "	150 "	300 "	8c.	2c.
Fourth	" "	300 "	600 "	8c.	4c.
Fifth	" "	600 "	1000 "	9c.	6c.
Sixth	" "	1000 "	1400 "	10c.	8c.
Seventh	" "	1400 "	1800 "	12c.	10c.
Eighth	" "	all over	1800 "	13c.	12c.

IMPORTANT.—In remitting postage, always add it to the foot of the order as a separate item—this will help to avoid mistakes.

EXPRESS.—Parcels any weight can be shipped by express, and for heavy weights and long distances express rates are lower than parcel post rates.

From the 4th to the 8th zone packages weighing 10 pounds or more usually go cheaper by express.

The highest quality materials and superior workmanship are combined in the production of the Modern Implements offered on this and the following pages. Purchaser pays transportation charges on Implements, Fertilizers and Insecticides except where noted. We guarantee the safe delivery of all Implements and Requisites shipped by parcel post or express in the United States.

We make no extra charge for packing, except for glazed sash as noted on page 184, and export shipments. For postage on mailable articles, see zone rate in next column. Special packing for export shipments charged for at cost. Poisonous liquids and insecticides are not mailable, consequently they must be shipped by express or freight.

The Henderson "Featherweight" Lawn Mower

The Lightest and Easiest Running Mower in the World. Leaves the Lawn Like Velvet

The lightest mower that has ever been constructed—fully 20 per cent lighter than any other of equal strength and durability. All excess weight and clumsiness have been eliminated. Perfect balance and steel ball-bearings contribute to its ease of operation: and skillful adjustment of the fittings eliminates all rattling and squeakiness. The result is a mower that requires no more effort to operate than is needed to push a vacuum cleaner across a rug.

The wheels are 10 inches in diameter: this permits the mower to roll over rough or uneven surfaces without lessening its cutting efficiency. Another feature that is exclusive in the Henderson "Feather-weight" is that the knife is close to the outer point of the wheels. This permits close cutting around trees or other obstructions. The 6¼-inch diameter of the reel enables it to cut tall grass as well as to clip the closest turf. It has 4 crucible steel oil tempered blades. The lower blade is

made of the highest grade cutlery steel, hardened, tempered and ground, so that the mower always remains sharp.

The machine is of the two gear internal driver and pinion type with ratchet in pinions. The pinions revolve on the reel shaft when the mower is rolled backward. The ratchet is of the double pawl design placed in pinions.

The adjustments of this mower are the most positive, permanent and the most easily understood that have ever been devised and changes in adjustment of the knives may be made almost instantaneously. It never goes out of adjustment on its own accord. The finish is in red and gold.

PRICES

14-inch cut, weight 35 lbs.	\$16.50
16-inch cut, weight 36 lbs.	18.50
18-inch cut, weight 37 lbs.	19.50

Grass Catchers for any of the above Mowers, \$3.00 each.

Purchaser pays transportation.

The Henderson Featherweight Is Praised by All Who Use It

"I wish to say that the new Feather weight Lawn Mower I got from you last summer I like very much."

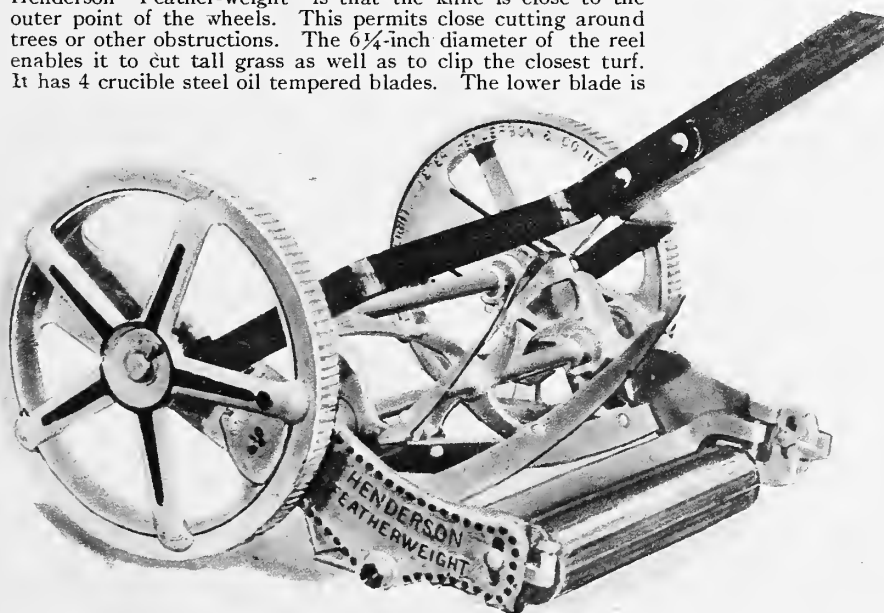
Mrs. W. F. Price,
Reading, Pa.

"My Featherweight Lawn Mower arrived and I am very much pleased with it."

Mrs. Annie Pidgeon,
Ferguson, Mo.

"I am sure pleased with my Feather-weight Lawn Mower."

Jas. L. Hubbard,
Howardsville, Md.



Much of the pleasure and profit obtained from the garden depends on the tools and implements used—the best are the cheapest



*The
HENDERSON
MODEL
A*

Improved Horse Lawn Mower

For Large Lawns, Golf Courses, Cemeteries, Parks, Etc.

Manufactured in three sizes—30-inch, 35-inch, and 38-inch.

As they weigh (with driver) from 600 to 700 lbs. they may be used as rollers only, by throwing the cutter out of gear.

Prices, including tool box, seat, shafts and side draft attachments: 30-inch cut, \$145.00, packed weight, 625 lbs.; 35-inch cut, \$155.00, packed weight, 665 lbs.; 38-inch cut, \$165.00, packed weight, 680 lbs. Purchaser pays transportation.

Leather Horse Boots

Small size, 6 inches wide. \$17.00
Large size, 6½ inches wide. 18.00

If larger size is wanted, send diagrams of horse's hoof.

Boots made to order, per set of four, \$20.00
Purchaser pays transportation.

Universal Lawn Trimmer

The latest and best machine for trimming grass close up to the fence or wall thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc. It cuts 6 inches in width. Price, \$10.50. Purchaser pays transportation.



For a complete line of Implements and Equipment for the maintenance of large lawns or Sports Fields, send for our Sports Turf Price List.

The Henderson Model "A" Lawn Mower

**Self-Adjusting Ball Bearings
Self-Sharpening Cutting Knife**

All Henderson Lawn Mowers are equipped with self-adjusting ball bearings to the wiper shaft, and have spiral blades which shear the edge of the stationary knife at an acute angle, thus cutting the grass by drawing it across the edge of the stationary cutting knife instead of pushing it across, as done in other Mowers. These two important features used exclusively in our Mowers.

Specifications of Model "A"

Eleven-inch Traction Wheels; 6-inch wiper cylinder with five drawcut spiral blades; self-adjusting ball bearings to wiper shaft; flexi-rigid, twin-edge cutting knife; spade grip handle; handsomely decorated in colors, gold and silver. (See illustration.)

Price, 14-inch cut, \$17.00; 16-inch cut, \$18.50; 18-inch cut, \$19.00; 20-inch cut, \$21.50. Purchaser pays transportation.

Grass Catchers

For the "Henderson" Perfected Lawn Mowers, 14-inch, \$2.50; 16-inch, \$2.50; 18-inch, \$3.00; 20-inch, \$3.00. Purchaser pays transportation.

Pennsylvania Super Great American Lawn Mower



Super Great American (Pennsylvania).

5-cylinder Blades; Self-sharpening; 10-inch High Wheels; Easy running mower.

Ball Bearing	Price	Grass Catcher
15 inch.....	\$19.50	\$3.50 Extra
17 inch.....	22.50	3.75 Extra
19 inch.....	25.00	4.00 Extra

Purchaser pays transportation.

Henderson's Border and Terrace Mower



Designed to cut the grass on borders—the narrow strips of sod sometimes only a few inches wide, between flower beds and walks.

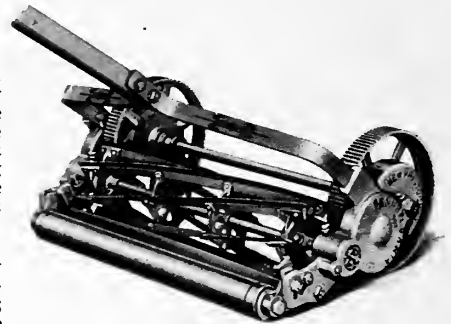
In our Border Mower a large light cylinder extends the full width of the mower and keeps the machine level with the surface and does perfect work. This machine is also unsurpassed for regular lawn work.

Prices

12-inch cut.....	\$22.00
14-inch cut.....	23.00
16-inch cut.....	25.00

No Catcher supplied for this Mower. Purchaser pays transportation.

THE PENNSYLVANIA New "Aristocrat" Golf Mower



New "Aristocrat" Golf Mower

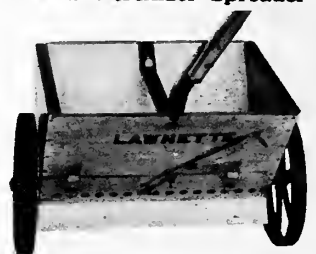
The New "Aristocrat" has a seven blade highspeed cylinder, 5½ inches in diameter, and a train of three cut gears on each side, with six pawls to prevent lost motion. The cylinder is equipped with the new Braum Self-aligning Ball Bearings, with positive lock pad and screw, easily adjusted for wear. The wheels and intermediate gears have roller bearings.

Made in one size only (19-inch). Net weight, only 58 lbs. Shipping weight, 85 lbs. Price, without grass box, \$40.00; extra for grass box, \$8.00. Purchaser pays transportation.

LAWNETTE

Seed Sower and Fertilizer Spreader

Expert hand sowing cannot equal the accuracy of this new invention. It sows grass seed rapidly and uniformly at any rate desired; also spreads lime, fertilizers, pulverized sheep manure or humus, chemicals and top-dressing materials. Holds about 25 lbs. of material.



Price \$7.50, purchaser pays transportation.

Universal Grass Catchers

This Catcher will fit any Lawn Mower having a cut of from 12 to 20 inches.

The bottom is made of heavy galvanized sheet iron and the sides are made of heavy white canvas.

12-inch to 16-inch width Mower.....	\$2.50
17-inch to 20-inch width Mower.....	3.00

Purchaser pays transportation.



Universal Grass Catcher

We can supply all the standard mowers and other equipment used on Lawns, Golf Courses and Athletic Fields on short notice. Prices on application.

The Moto-Mower

Compact, Simple and Economical

The Moto-Mower is light in weight and sturdy in construction. The engine is strong, durable, and of simple design. It is the 4-cycle valve in head type and develops 2 1/2 horsepower. The crank and cam shafts are made of chrome nickel steel, accurately machined, and bearing parts are finely ground. The carburetor and magneto are specially designed to develop maximum power.

The performance of the Moto-Mower is all that can be desired. It cuts a swath 18, 21 or 27 inches wide (see below) and can be raised or lowered from 1/4 to 3 1/2 inches. It will cut 4 to 5 acres of lawn a day and climb a 35 per cent grade on a gasoline consumption of only about one gallon per day. It therefore combines efficiency of operation with economy of cost.

18-inch cut complete.....\$138.50
21-inch cut complete..... 188.00
27-inch cut complete..... 280.00
Grass catchers for 18-inch..... 3.50
Grass catchers for 21-inch..... 4.00
Grass catchers for 27-inch..... 4.50
Purchaser pays transportation.



The Ideal Power Lawn Mower

Specifications: Width cut, 30 inches; speed per hour, 2 3/4 miles; diameter roller, 14 inches; diameter cutting reel, 6 inches; face mower wheels, 1 3/4 inches; actual weight, 630 lbs.; shipping weight, 800 lbs.; width roller, 24 inches; will cut, allow 2-inch lap, 3/4 acres per hour; diameter mower wheels, 11 inches, number of cutting blades 5.

Price complete, 30-inch.....\$385.00
Riding attachment extra, \$25.00. Extra cutting unit, \$63.00.

Specifications for 22-inch or Junior Ideal Power Mower; Gross weight, 575 lbs.; net weight, 430 lbs.; diameter of reel, 6 inches; diameter of wheels, 10 1/2 inches; total width of drive rollers, 17 inches.

Price complete.....\$265.00
Extra cutting unit..... 52.00

Purchaser pays transportation.

Quotations for Ideal 18-inch Power Putting Green Mower and Ideal 84-inch Power Triplex Mower on application.

Sheet Steel Water Weight Roller

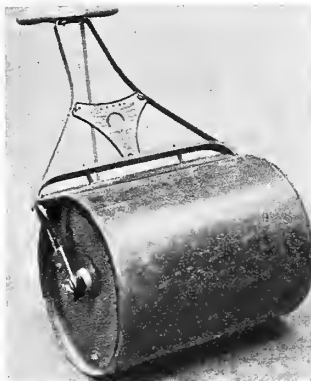
An Ideal General Utility Roller

Our Sheet Steel Water Weight Rollers are immensely popular on account of their general adaptability. When used on soft or moist soil or lawns less weight is required than if used on firm, dry turf, drives, tennis courts, etc. If even greater weight is desired sand may be substituted for the water.

If water is used it should be allowed to run out after using the roller. It can then be stored conveniently in a garage or cellar.

The construction of this roller is strong and durable. The edges are rounded in order to avoid cutting or tearing up sod. A scraper fixed on top of the drum insures a clean surface. Purchaser pays transportation.

No.	Diameter Inches	Length Inches	Approx. Weight Empty	Filled with Water	Price Each
605	14	24	68 lbs.	175 lbs.	\$14.00
602	18	24	85 "	265 "	20.00
603	24	24	110 "	420 "	23.00
604	24	32	130 "	565 "	26.00



The Henderson Spike Roller

This new implement will save time and labor in turf maintenance. Indispensable for renovation work

On all turf that is subjected to tramping it is a matter of but a very short time when the upper surface of the soil becomes so constricted or hide-bound that it hinders the natural growth of grass. The simplest remedy for such a condition is to go over the turf with the Henderson Spike Roller.

The Roller, which can be easily manipulated by one man, is 3 feet wide, made in three sections, and is 10 inches in diameter. It is built of rock maple, and each section is banded on both ends with steel. It is closely studded with steel spikes that are easily removable with a wrench which we furnish with the Roller. The net weight of the Roller is 185 lbs., which may be increased at least another 100 lbs. by placing bags of sand in the tray. Price, \$50.00. Purchaser pays transportation.



Henderson's Iron Hand Roller

These are very superior Rollers made in one, two and three sections and give absolute satisfaction. The faces are ground smooth, so they will not pick up and carry large lumps of earth; the other edges are beveled to prevent marking. The axles are of steel, the sections fit closely and the handles are of our improved design, made of selected hardwood, will not break and are counter-balanced so they always keep up from the ground, clean and out of the way. To get the best results one weighing from between 300 and 350 lbs. should be used. Purchaser pays transportation.

No.	Diameter	Length	Weight	Prices
502	15 inches	22 in. in 3 sec	250 lbs.	\$19.00
504	20 "	20 " in 2 "	250 "	26.00
506	20 "	24 " in 3 "	300 "	30.00
508	20 "	30 " in 3 "	350 "	34.00

Henderson's
Iron Hand
Roller



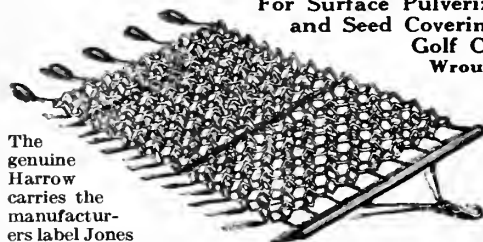
We stock repair parts for all Henderson's Horse and Hand Power Lawn Mowers. Price list on application. In ordering parts, send width of cut and number cast on inside of wheel.

176 The Lawn Is The Foundation of Landscape Beauty

Lawn and Sports Turf Equipment

Imported Scotch Chain Harrow

For Surface Pulverizing, Levelling and Seed Covering. Valuable for Golf Courses



The genuine Harrow carries the manufacturers label Jones & Lloyd, Ltd., Scotland.

Wrought-Iron Links, Very Durable

The Scotch Chain Harrow is much sought after for the following reasons: It is one of the implements for pulverizing the surface of the soil, levelling

and smoothing, and is also splendid for covering grass seeds, etc., being superior to the Brush Harrow for this purpose. Used on driveways and racetracks, it smooths the surface, eliminates ruts and footprints. It is made of wrought-iron links, as illustrated, and is very durable.

Sizes and Prices

One-horse size, 5 x 6 feet. Weight 120 lbs. \$30.00
Medium two-horse, 6 x 7 1/2 feet. Weight 170 lbs. 40.00
Full two-horse size, 7 1/2 x 7 1/2 feet. Weight, 200 lbs. 50.00
Purchaser pays transportation.

Peter Henderson & Co. is the Sole Agent for the Sale of this Harrow in the U. S.

Pennsylvania Lawn Cleaner

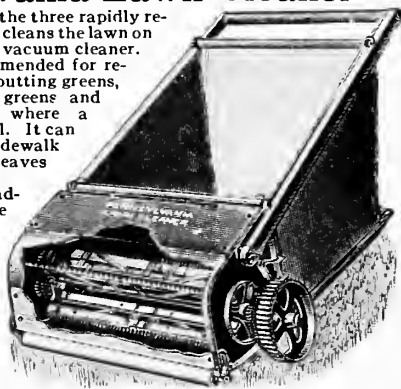
The suction created by the three rapidly revolving brushes (or rakes) cleans the lawn on the same principle as the vacuum cleaner.

The brushes are recommended for removing worm-casts from putting greens, tennis courts, bowlings greens and other close-cut lawns, where a smooth surface is essential. It can also be used as a lawn or sidewalk cleaner, for removing leaves and other litter.

Provision is made for adjustment to take up the wear of the brushes, thus insuring the same efficiency of the sweeper until the brushes are worn out.

The change from rakes to brushes, or vice versa, is easily made without taking the machine apart. Equipped with rakes when shipped; brushes are extra.

Width, inches. 24 Price, each. \$32.50
Shipping Weight, pounds. 100 Extra Set Rakes or Brushes 8.00
Purchaser pays transportation.



Henderson's Champion Sod Cutter

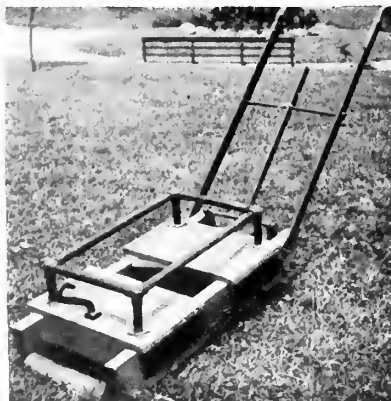
The Sod is Cut 1 to 2 Inches Thick and 12 Inches Wide. Cuts 25,000 to 35,000 Square Feet in a Day.

A horse-power machine for cutting sod in long uniform strips; a valuable implement for sports grounds golf courses and parks.

Has a Reversible Knife made of one piece of steel. While one side dulls the opposite edge is getting sharpened, cannot get choked. An Adjustable Roller regulates the thickness of the sod from 1/2 to 2 inches, the front roller

swings back under the guide shoe and takes the weight when the machine is not cutting. The guide shoe can be changed to either side in a minute; no friction or injury to the grass. The knife can be cleaned without turning over the machine. Back roller works automatically by holding up handles and lever, the roller swings under the machine and takes weight until ready to cut again; while the middle roller helps take weight of machine and regulates thickness of sod the front roller takes the weight of the machine while cutting.

Price, \$55.00.
Extra knives, \$13.50 each. Purchaser pays transportation.



Champion Sod Cutter

The Henderson Grass Seeder No.106

10 Foot. For Sowing All Grass Seeds Broadcast. Adapted for Sports Turf, Golf Grounds, Cemeteries and Parks

The Henderson Grass

Special is the result of a half century of seeder building experience. It has a large hopper, easily filled, carried beneath the handles and discharges close to the ground, so wind does not affect sowing of even the lightest seeds.

It is quickly adjusted to sow any quantity desired, any kind of seed and mixed seeds. This is controlled by changing the stroke of the moving cable in the hopper. The positive uniform feed prevents bunching and consequent loss of seed.

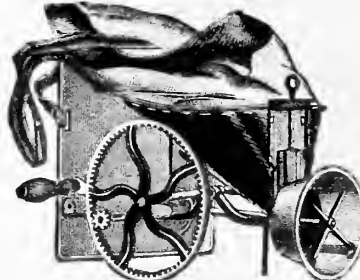
It is nicely balanced and easily handled. Simple in construction and operation. A necessity to every golf club. Price, \$22.00. Shipping weight, 60 lbs Purchaser pays transportation.



THE HENDERSON GRASS SEEDER 106

Cahoon's Improved Broadcast Seed Sower

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet each side of the operator); lighter seeds, of course, will not be thrown so far. Weight, 8 lbs. Price, \$5.25. Purchaser pays transportation.



Cahoon's Seed Sower

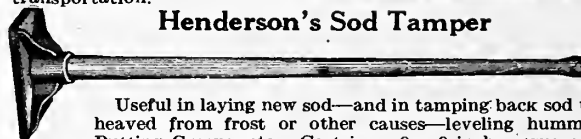
Henderson's Sod Perforator

An invaluable tool to aid in renovating bad spots in lawns, grass plots, putting-greens, etc. It is operated like a rammer, the lower surface being provided with spikes which puncture the sod, leaving small holes into which much of the seed or fertilizer drops when broadcasted, thus preventing its being blown or washed away. The holes are filled with soil by the first rain, which covers the seed so it can germinate. Weight 9 lbs.

Price, \$4.50. Purchaser pays transportation.



Henderson's Sod Tamper



Useful in laying new sod—and in tamping back sod that has heaved from frost or other causes—leveling hummocks in Putting Greens, etc. Cast iron, 8 x 8 inches square, weighs with handle 14 lbs. Price, \$1.75 each. Purchaser pays transportation.

American Sod Lifter



American

A handy tool for cutting under and lifting sod; solid steel blade; 18-inch shank; D-handle. Price \$2.25. Purchaser pays transportation.



English

English Turfing Spade

An imported tool for lifting sod evenly, rapidly and without breaking. \$8.50. Purchaser pays transportation.

We can supply all the standard mowers and other equipment used on Lawns, Golf Courses and Athletic Fields on short notice. Prices on application.

The Sprinkler Equipped Garden Has No Fears for Drought 177

The Henderson "Allover" Sprinkler

On many large private estates and parks, expensive permanent irrigation systems are now being laid. The Henderson "Allover" Sprinkler embodies the principles of these systems for efficient irrigation at a cost that places it within the reach of all garden lovers.

Three patented sprinkler nozzles are attached to two sections of high quality rubber hose each fifteen feet long. This permits great flexibility allowing the outfit to be laid straight, in a circle or at any angle desired.

When laid straight—with average pressure—it will sprinkle thoroughly an area about fifty feet long and twenty feet wide. The nozzles break the water into a very fine mist which will penetrate into but not wash the soil. It is therefore safe to use even on a newly planted lawn.

If it is necessary to irrigate a very small section of the garden only, two of the nozzles may be removed and only the end one used. This is the most practical and efficient sprinkler system that has ever been offered. Price complete \$6.00.

Extra Connecting Nozzles, 80c each. Transportation
Extra End Nozzle, \$1.00 each. paid.

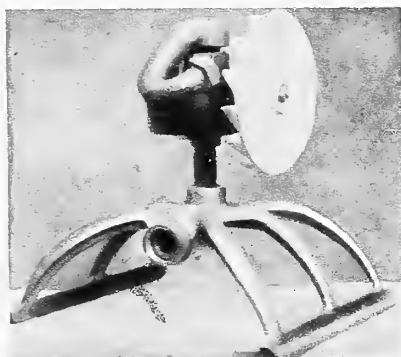


The Henderson "Allover" Sprinkler

Double Rotary

The latest model Double Rotary Sprinkler embodies improvements which make it, more than ever, the ideal sprinkler whether for lawns, gardens, golf courses, ball parks, nurseries, orchards, public parks or for any other artificial watering requirements. Our own findings as to the merits of this sprinkler are confirmed by the many reports we have received from persons who have written us, that it is unequalled for efficiency, economy and durability.

It is constructed of the best materials, machined for long wear; wheel of cast aluminum will not rust. The steel and bronze gears run in a bath of oil. The nozzle is adjustable for fine or coarse spray, and permits covering small or large area without reducing volume. Skid base permits moving while in operation. Cannot tip over on any pressure. All wearing parts enclosed. Very successful for overhead systems; covers diameter of fifteen to eighty feet, according to pressure. Price \$12.50. Transportation paid.



Double Rotary
The enclosed gears run in oil.

Anaconda

This is unquestionably the best of its class. Friction has been almost eliminated without the use of ball-bearings. It is adapted for general garden use. It stands 10 inches high and at a pressure of 20 lbs. will cover an area 40 feet in diameter. Equipped with $\frac{3}{4}$ inch loose swivel connections. Finished in Duco. Price, \$2.00. Transportation paid.



Anaconda

Rainbow

This is the most practical sprinkler for use in rural communities where gravity or other low water pressures are likely to be encountered.

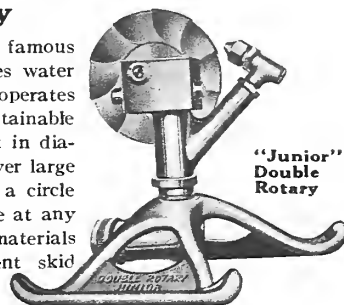
The revolving arm of the Rainbow Sprinkler is finely balanced. Depending on the pressure, it will water thoroughly a circle from 30 to 60 feet in diameter. Price, \$3.00. Transportation paid.



Rainbow Sprinkler

"Junior" Double Rotary

Junior is a small type of the famous Double Rotary that distributes water evenly and economically. It operates wherever water pressure is obtainable covering an area up to 60 feet in diameter. Easily regulated to cover large or small areas—to sprinkle in a circle or on a straight line—to rotate at any speed desired. Built of best materials to last for years. Convenient skid base—easily moved by pulling on hose. Price, \$7.50. Transportation paid.



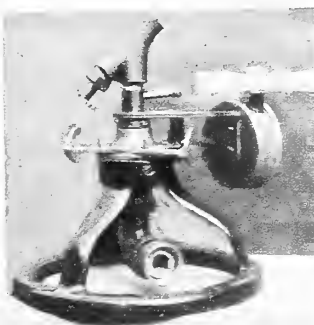
"Junior" Double Rotary

Dayton "A"

Rotary and Oscillating

The Dayton "A" may readily be termed the all purpose Sprinkler, as it can be set to spray a complete circle or a half circle. The nozzle can be fixed for any kind of a stream either fine, medium or coarse. This is a particularly valuable feature, especially on a newly seeded Lawn or Putting Green where a coarse spray would be apt to wash out the seed. It can also be adjusted to a 3 foot or 40 foot radius.

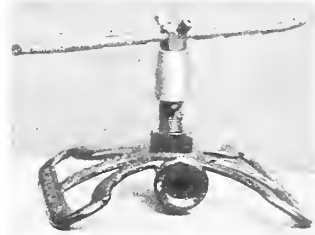
Price, \$9.50. Transportation paid.



Dayton "A" Sprinkler

Dayton "C"

In this newly invented sprinkler, we combine low cost with high efficiency. The sprinkler arm can be adjusted in half a minute to produce a light or heavy spray. It can also be made to cover a circle from 5 to 50 feet in diameter with an even distribution of water from the center to the periphery. The babbitt non-leakable bearing allows the sprinkler to run perfectly on low water pressure. It is made from non-corroding metal. Price, \$3.00. Transportation paid.



Dayton "C" Sprinkler

178 Prepare Against Drought with Henderson's Para Hose

Henderson's Superior Hose and Hose Supplies

SPECIAL NOTICE.—We prepay transportation charges on Rubber Hose by parcel post, express, or freight at our option within the first and second zones (150 miles of New York City). Purchasers beyond these zones pay transportation charges.

Henderson's "Best Para" Rubber Hose

This is the highest grade of garden hose, being made entirely from New Para Rubber and will outlast cheap hose three times over. We guarantee it to stand a 300-lb. water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten. Every length of Henderson "Best Para" Hose is fitted with the new water-tight couplings, without extra charge. (See illustration.) *Hose if furnished only in 25-foot and 50-foot length.* Prices $\frac{3}{4}$ -in. bore Para, per 25-foot length, \$5.25. per 50-foot length, \$9.25. See notice above.

Standard Quality Rubber Hose

This is a grade that is often sold as the "best." It is a good hose and will stand 150-lb. pressure. Each length is fitted with the regular couplings without extra charge. $\frac{3}{4}$ -in. Standard, per 25-ft. length, \$4.25; per 50-ft. length, \$7.75. See notice above.

The Virginia Reel

This reel will help materially in lightening the labor of lawn and garden maintenance. It is light, durable and capacious, easily reeling up 100 feet of $\frac{3}{4}$ -in. hose on its galvanized drum. The frame is constructed of heavy round edge channel steel, and a steel ring is provided for locking the drum. There is also an adjustable clamp attached to the frame to which the nozzle of the hose may be fixed for spraying. The Virginia Reel is provided with rubber-tired disc wheels. This reel is well made and very durable; it is painted in dark green and vermilion, and presents a very attractive appearance on the lawn. Price, \$3.75. Purchaser pays transportation.



All Iron Hose Reel

The All Iron Hose Reels are indestructible; light in weight; frictionless and are easily manipulated. These reels cannot tip over when unreeling, and there is no weight of hose to carry on the handle.

	Price
No. 10. 21-in., holds 100 feet $\frac{3}{4}$ -in. hose	\$5.00
No. 20. 24-in., holds 150 feet $\frac{3}{4}$ -in. hose	5.50
No. 30. 30-in., holds 500 feet $\frac{3}{4}$ -in. hose	9.00

Purchaser pays transportation.

The Henderson Sprinkling Cart

The most practical and useful apparatus for sprinkling solutions of Bordeaux, Scmestan, Sulphate of Ammonia, and the like, on Golf Courses, Lawns, and Sports Turfs. Strength, endurance, and practicability have been wrought into this outfit. The barrel, which has a capacity of 50 gallons, is made of the best white oak, painted, and open head. The truck is heavily constructed with 3-in. tires. The sprinkler pipe, which is 6 ft. long and 1 in. in diameter, is equipped with approved lift valve. Total weight, 200 lbs. Price complete \$34.50. Purchaser pays transportation.

Sprinkler Attachment

We also supply a separate Sprinkler Attachment which may be attached to the Henderson Sprinkling Cart. See page 195 for Trucks, Barrels, etc.

Price of Attachment only \$12.00. Purchaser pays transportation.



Henderson's Heavy Duty Golf Hose

Strength, service, and satisfaction are the primary qualifications obtained with Henderson's Heavy Duty Golf Hose. The construction of this super quality hose is the same as that found in the best automobile cord tires. Three layers of finely braided heavy cords thoroughly impregnated with rubber, and surrounded with a thick, tough, abrasive resisting outside cover of rubber.

It is guaranteed to withstand a test pressure of 800 lbs., and it will not kink, thus insuring long life on golf courses. $\frac{3}{4}$ -in. Standard.

Price, 50-foot lengths, with couplings, \$11.25 each. See notice above.

Spray Pump Discharge Hose

Cut any length, 10 feet up to 50 feet, $\frac{1}{2}$ -in. bore, 20c. per foot (coupling extra, 40c. set); $\frac{3}{8}$ -in. red tubing, 20c. per foot, cut any length, 10 to 50 feet; couplings extra, 40c. per set. See notice above.

"Hole-Proof Hose-Hanger"

"Hole-Proof" Hose Hangers drain dry and protect your hose when not in use; preserve it when stored; insure it against holes, cracks and checks, and double its life and usefulness. Compact and convenient.

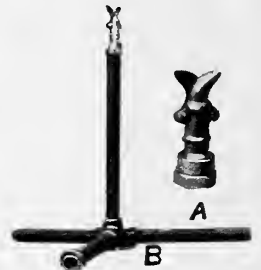
Carries 100-ft. hose. Price, \$2.25. Transportation paid.



"Water Witch" Lawn Sprinklers

The "Water Witch" Lawn Sprinkler is an effective device for sprinkling lawns, gardens or flower beds. The water is divided and deflected by the top of the swivel piece, which causes it to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of.

Price, Nozzles only (see illustration A). $\frac{3}{8}$ -in. thread, each 45c.; doz. \$5.00; $\frac{1}{2}$ -in. thread, each 50c.; doz. \$5.50; $\frac{3}{4}$ -in. thread, each 55c.; doz. \$6.00. Price \$1.90 with stand (B). Transportation paid.



"Water Witch"

The Ring Sprinkler



Simplest lawn sprinkler made—no revolving parts to wear and get out of order or leak. Made of polished brass. Price, \$1.00. Transportation paid.

Half Circle Sprinkler

A heavy sheet brass sprinkler of the popular fountain spray type with perforations arranged to cover a complete half circle. A sprinkler of this type is very desirable for watering flower beds, also for sprinkling lawns along the sidewalk, as it will not throw water on the walk.

Price, \$1.00. Transportation paid.



The "C. B. G." Sprinkler

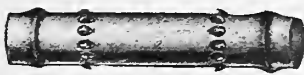
One of the most popular low-cost sprinklers made. Very practical and satisfying in operation, delivering the water in a very fine spray. It is only 4 in. in diameter and 1 $\frac{1}{2}$ in. high and can be drawn about the lawn without shutting off the water. Price, 60c. each. Transportation paid.



"C. B. G." Sprinkler

If your lawn was produced with the Henderson Lawn Grass Seed it will remain healthy and attractive with a minimum amount of sprinkling. (See page 12)

The Cooper Brass Hose Mender



Cooper Hose Mender

Made of brass tubing; scarcely decreases flow of water; easily applied; no fastener required. Price, for hose with $\frac{1}{2}$ -in. or $\frac{3}{4}$ -in. bore, 12c. each, \$1.35 per doz.; 1-in. bore, 15c. each, \$1.70 per doz. Transportation paid.

Gibbs Hose Mender



Gibbs Hose Mender

The convenience of this mender lies in its simple application. Simply cut the hose apart where a leak occurs, insert the tube and hammer down the steel fingers. Price, $\frac{3}{4}$ -in. 20c. each, \$2.20 doz.; 1-in. 25c. each, \$2.75 doz. Transportation paid.

The Noscrew Hose Clamp



NOSCREW CLAMP Brass Pipe NOSCREW CLAMP

Installed instantly without annoyance by hand—no screwdriver or tools of any description required. Set contains Brass Pipe and two Clamps. Price, 25c.; doz. sets \$2.75. Transportation paid.

Bull Dog Hose Clamp



The best device for attaching hose couplings. Hose clamps for $\frac{1}{2}$ -in. hose, 60c. doz.; $\frac{3}{4}$ -in. hose, 75c. doz.; 1-in. hose, \$1.25 doz. Transportation paid.

Spray Nozzles

Bordeaux Nozzle. Throws long distance spray, a solid stream or a fine mist, and may be shut off altogether. For general spraying and for whitewashing. Impossible to clog. Price \$1.00. Transportation paid.

Vermorel Nozzle. Two caps for fine or coarse spray. Impossible to clog, as obstructions are forced out with spring needle. For spraying trees, shrubbery, etc. Price, \$1.25. Transportation paid.

Simplex. Has two interchangeable steel spray discs for fine and coarse spray. Provided with strainer to prevent clogging. Price, 75c. Transportation paid.

Angle Nozzle. Two interchangeable steel spray discs for fine or coarse spray, provided with strainer to prevent clogging. Price, 85c. Transportation paid.

Y. For spraying two rows at a time or where double spray capacity is desired. Threaded single and $\frac{1}{4}$ -in. female, double ends, $\frac{1}{4}$ -in. male. Price, \$2.25. Transportation paid.

The "Stott" Spray Nozzle. Gives a spray as fine as mist. Very economical of fluid. It cannot choke or get out of order. Price, single spray for $\frac{3}{4}$ -in. connection, \$1.75; Double spray, $\frac{3}{4}$ -in., \$2.25. Transportation paid.

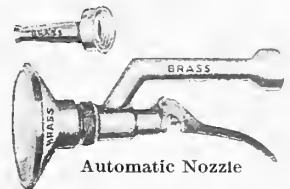
Florists' and Gardeners' Hose Sprinkler

A wide face nozzle. The holes are small and numerous so that a copious yet gentle shower is given without washing or packing the soil.

Price, for $\frac{3}{4}$ -in. hose, 3-in. face, \$1.00; 4-in. face, \$1.25. Transportation paid.

Automatic Nozzle

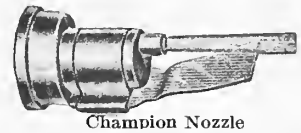
For sprinkling Lawns, Shrubbery. Flower Beds and for Washing Automobile Windows, Buggies, Floors, Sidewalks. Shut off and 3" face nozzle. Screws on to any Standard $\frac{1}{4}$ -inch Garden Hose Coupling. Price, \$3.00. Transportation paid.



Automatic Nozzle

Champion Nozzle

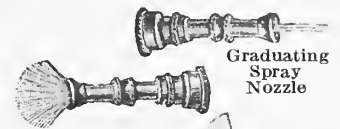
Gives a full discharge of water, either spray or straight stream, without back pressure on the hose. Spray is formed by turning collar. Made for $\frac{3}{4}$ -in. hose. Price, 75c. Transportation paid.



Champion Nozzle

Graduating Spray Nozzle

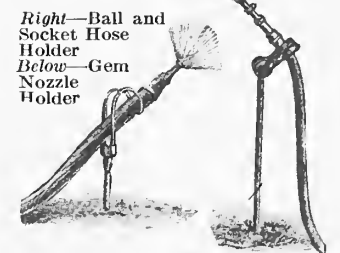
Will throw a coarse or fine spray or a solid stream. Price, $\frac{3}{4}$ -in., 75c.; 1-in., \$1.25. Transportation paid.



Graduating Spray Nozzle

Ball and Socket Hose-Holder

A practical hose holder. It may be stuck anywhere and nozzle pointed in any direction by operating one thumb screw on ball and socket joint. Price, \$1.60. Transportation paid.



Right—Ball and Socket Hose Holder
Below—Gem Nozzle Holder

Gem Nozzle Holder

For watering lawns and flower beds. The hose is held firmly and can be adjusted to any elevation in an instant. Price, 30c. Transportation paid.

Lightning Hose Coupler

Instantly attached or disconnected; no twisting of hose; no bruising fingers; watertight. (State if wanted to replace old couplings or to be attached to them.) Price, per set, 2 pieces, $\frac{3}{4}$ -in., 75c.; \$8.25 per doz. Transportation paid.

Lightning Hose Coupler

Hydrant Swivel

Turns in any position, prevents hose from kinking. For $\frac{3}{4}$ -in. hose, 90c. each. Transportation paid.

Hydrant Swivel

Hose Reducer

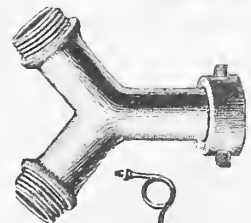
For connecting hose of 1-in. bore with $\frac{3}{4}$ -in. Price, 60c. Transportation paid.

Right—Hose Reducer

Below—Siamese Attachment

"Siamese" Lawn Sprinkler Attachment

By using these, several sprinklers can be used at one time. A $\frac{3}{4}$ -in. hose and 30 to 40-lb. pressure will operate 2 sprinklers. By this method large areas of lawn or garden may be watered. Price, for $\frac{3}{4}$ -in. hose, \$1.25; for 1-in. hose, \$1.50. Transportation paid. Cap—to enclose over outlet. Transportation paid, 35c. each.



Rubber Hose Washers

For $\frac{3}{4}$ -in. standard size hose; also for 1-in. hose, 10c. per doz. Transportation paid.

"Vapor" Bottle Sprayer

This "Vapor" Sprayer consists of one seamless brass tube, working inside of an outer brass tube. It is made to fit any ordinary bottle. Price \$1.40. Spray only. With special screw cap bottle \$1.60. Transportation paid.

Vapor Bottle Sprayer

180 A Wheel Hoe Takes the Labor Out of Vegetable Gardening

The "Planet, Jr." Hand Power Hill and Drill Seeders



No. 25 Planet, Jr. Hill and Drill Seeder combined with Double Wheel Hoe

The "Planet, Jr." Hill and Drill Seeders are the very best hand-power seed planters in the world. Improvement after improvement has been adopted as suggested during an experience of 40 years in their manufacture until they are now far in advance of any other Seeders, and without a rival. These seeders, at the will of the operators, either sow seeds in a continuous drill, thick or thin, shallow or deep, or they may be instantly set to plant any desired quantity of seeds at any of the following regular distances apart: 4, 6, 8, 12 or 24 inches. They open the furrow, drop the seed, cover and roll it and mark the next row at one operation and as fast as a man can walk. The flow of seed may be instantly shut off, thus preventing waste when turning the end of the row. These seeders are light in operation, strong, simple and do not get out of order.

Prices, "Planet, Jr." Hill and Drill Seeders		Wheel	Capacity	Price
No. 5 Hill and Drill Seeder. A special large size for market gardeners and farmers, sugar beet growers, etc.		16 1/2 in.	5 qts.	\$20.00
No. 3 Hill and Drill Seeder. The popular size for market gardeners and large private and hotel gardens.		15 "	3 "	17.50
No. 4 Hill and Drill Seeder. This favorite size for family gardens and small market gardens.		11 "	2 1/2 "	14.25
No. 4 Combined Seeder, with a Single Wheel Hoe Outfit. Seeder removes for hoeing, etc.		11 "	2 1/2 "	18.00
No. 25 Combined Seeder, with a Double Wheel Hoe Outfit. The seeder removes for hoeing, etc.		11 "	2 1/2 "	21.50

Purchaser pays transportation.

"Planet, Jr." Wheel Hoe and Cultivators Their Attachments and Uses



The Cultivator Teeth, used for either deep or shallow stirring and cultivation.

The Flat Hoes, for surface hoeing, cutting off weeds, etc. The 4 1/2-in. are for rows under 12 in. wide; the 6-in. for wider rows.

The Small Plows (supplied with the Double Wheel Hoes) are valuable for hilling up, covering, furrowing, etc.

The Large Landside or Turn Plow (supplied with the Single Hoes) is used for

plowing, furrowing, hilling, covering, etc.

The Rakes are for stirring, fining and leveling the surface.

The Leaf Lifters with No. 16 turn aside the foliage without injury.

The Single Wheel Hoes are rather lighter than the double and while the wheel can be set on the side of the frame, enabling both sides of one row to be hoed at one time, yet they are best adapted for working between two rows of plants.

No. 16. Complete, with eight attachments, including leaf lifter \$9.00

No. 17. Has hoes, cultivator teeth and plow. 7.75

No. 17 1/2. Has hoes and cultivator teeth. 6.75

No. 18. Has hoes only. 5.75

The Double-Wheel Hoes, while they work equally well between two rows of plants, are especially adapted for straddling one row, working close up to both sides of the plants until they are 20 inches high.

No. 11. (Complete). \$13.75

No. 12. Has 1 pair hoes, cultivator teeth, plows and leaf lifter. 10.75

No. 13. Has hoes only. 8.00

Purchaser pays transportation.

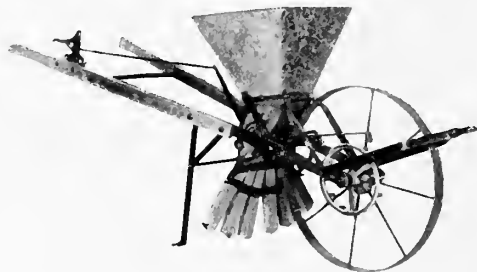
Fire-Fly Garden Plow



It will throw a furrow 4 to 6 in. wide and 1 to 3 in. deep, and deeper by going a second time in each furrow. It opens furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting. In cultivating plow away lightly; leave a few days for all weeds to die, and plow back again; nothing more thorough than this.

Price, \$4.25. Purchaser pays transportation.

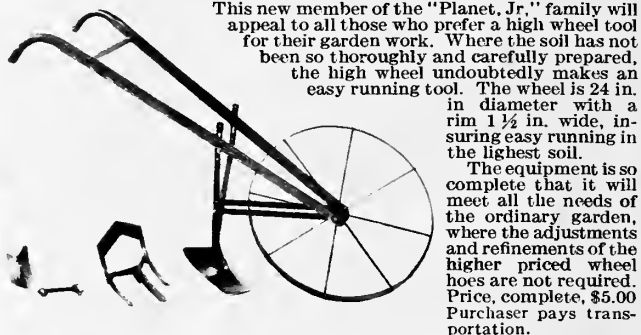
No. 220 "Planet Jr." Fertilizer Distributor



The No. 220 Fertilizer Distributor distributes to the right and left at one time, all down the centre, or all to one side—right or left as desired.

Price, \$27.00. Purchaser pays transportation.

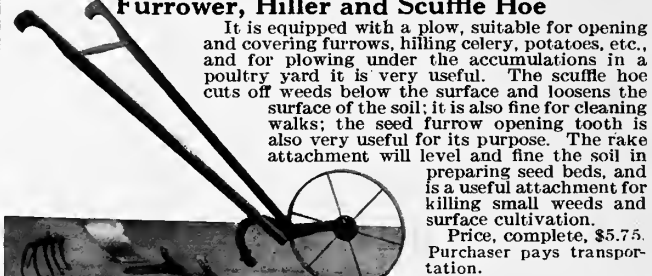
No. 119 "Planet, Jr." Garden Plow



This new member of the "Planet, Jr." family will appeal to all those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The wheel is 24 in. in diameter with a rim 1 1/2 in. wide, insuring easy running in the lightest soil.

The equipment is so complete that it will meet all the needs of the ordinary garden, where the adjustments and refinements of the higher priced wheel hoes are not required. Price, complete, \$5.00. Purchaser pays transportation.

The "Henderson" Hand Garden Plow, Furrower, Hiller and Scuffle Hoe



It is equipped with a plow, suitable for opening and covering furrows, hilling celery, potatoes, etc., and for plowing under the accumulations in a poultry yard it is very useful. The scuffle hoe cuts off weeds below the surface and loosens the surface of the soil; it is also fine for cleaning walks; the seed furrow opening tooth is also very useful for its purpose. The rake attachment will level and fine the soil in preparing seed beds, and is a useful attachment for killing small weeds and surface cultivation.

Price, complete, \$5.75. Purchaser pays transportation.

No. 8 "Planet, Jr." Combined Horse Hoe and Cultivator

Opens and closes furrows, hoes right up to the plants without danger of injury, throws dirt to or from the row and throws back from center again.

Cultivates any depth desired, and adjusts for any width.

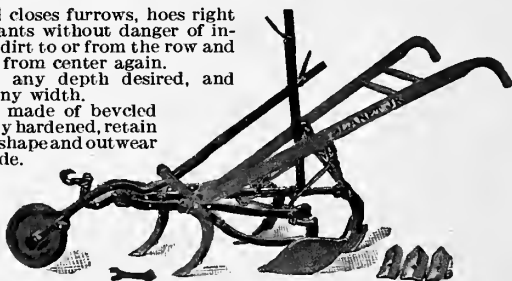
The teeth made of beveled steel, specially hardened, retain their cutting shape and outwear anything made.

The steel wheel won't clog.

The handles adjust up, down or sideways.

Price, \$16.25

Purchaser pays transportation.



Planet Jr. Star Pulverizer, Leveler and Weeder



This tool, as its name implies, can be used both for pulverizing the seed bed in preparation for planting and also for keeping down weeds after crops are up.

The revolving star-shaped discs have a large cutting surface; and these, in conjunction with the scuffle hoe spade, cut and pulverize the soil below the surface as no amount of raking could possibly do. Price, \$3.25. Purchaser pays transportation.

A Wheelbarrow Serves A Hundred Uses in the Garden 181

Henderson's Wide Wheel Lawn and Putting Green Wheel-Barrow—5-Inch Crown-Faced Tire

Will Not Injure the Grass

This Barrow is especially made for use on **Lawns, Sports Turf and Putting-Greens.**

The tire being 5 inches wide does not cut or deface the turf.

Body—26 in. long, 19 in. wide in front, 22 in. wide in back.

Sideboards—26 in. long, 12 in. high.

Handles—58 in. long by 2 x 1 3/4.

Steel Wheel—5-inch tire, 20 in. diameter, 8 oval spokes.

Price, \$11.00. Purchaser pays transportation.



Henderson's Wide Wheel Barrow

Handie Baro Indispensable on the Home Grounds

Convenient to use under any circumstance, by any member of the family. Light and durable. Weighs 30 lbs. complete. Will carry a load of 500 lbs.

Shipped complete in carton form. Iron work painted black. Handles are maple, painted red, and varnished. Wheel 14 in. diameter, 1 1/4 in. tire. Steel hub with self-lubricating bearings. Channel steel legs, riveted cross braces.

Over all dimensions: Width 22 in., length 50 in., height 24 in.

Price, \$6.50.

Purchaser pays transportation. The Handie Baro Set up, and to Right. Packed for Shipment.



Handie Baro

Lawn and Leaf Hand Cart

Especially adapted for carrying large quantities of light material, such as cut grass, leaves and litter; the box is deep and flaring—measures at the bottom 28 in. wide by 48 in. long, 10 in. wider at the top; 24 in. deep; nicely painted green and vermilion, striped and varnished; 30-in. wheels. Price, \$32.00. Purchaser pays transportation.



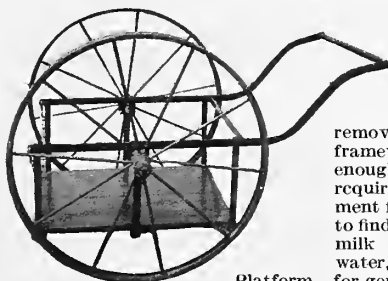
The Henderson Platform Cart

The Cart of Many Uses for the Farm and Garden

Handler than a Hired Man

Will carry 800 lbs.

Owners of estates or large gardens—in fact, anyone needing a light, low-down rig will find Henderson's Handy Farm Cart a profitable investment.



Platform Cart

This Cart is well built, of the best material and nicely finished. The wheels used are of the highest grade steel, with 2-in. tires, 9 spokes and removable boxes. The axles and framework are of steel, strong enough to resist six times the load required. A more useful implement for a farm would be difficult to find. Is used for handling dairy milk cans, barrels of feed and water, ensilage, fodder, feed, and for general carrying purposes.

Platform, 28 x 32 in.; 36-in. wheels.

Weight, 95 lbs. Price, \$15.00. Purchaser pays transportation.

The "Henderson" Wheelbarrow

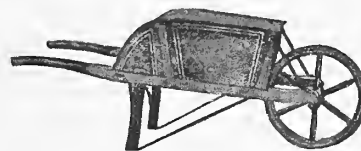
This barrow is light, strong and durable; is made of selected material, has steel wheel and axle, and is well painted. While its carrying capacity is from 300 to 500 lbs., its weight is less than 50 lbs. Fully warranted to stand rough usage and garden use. Does not sink into soft ground.

Weight about 50 lbs. Body: 26 in. long, 19 in. wide in front, 22 in. wide in back. Sideboards: 26 in. long, 12 in. high. Handles: 58 in. long, 2 x 1 3/4 in. Wheels: 20 in. diameter; 8 spokes. Price, \$10.00. Purchaser pays transportation.



The Henderson

The Regulation Garden Wheelbarrow



Regulation

Purchaser pays transportation.

A superior barrow, handsomely painted and striped; iron leg braces, bolted, not screwed on run under the legs, forming a shoe to slide on avoiding racking the barrow; iron bands shrunk on hubs. No pin used in these barrows.

Size	Length Box	Width of Box			Price
		Wheel End	Handle End	Box Depth	
No. 2 Boy's	22 in.	18 in.	18 in.	9 in.	\$6.50
No. 4 Medium	26 in.	19 in.	22 in.	12 in.	8.00
No. 5 Large	29 in.	20 in.	24 in.	12 in.	9.00

Fertilizer Sower, Stevens's Hand Power



Stevens' Fertilizer Sower

The hopper is 34 in. long and holds 1 1/2 bushels. Weight of machine, \$3 lbs. It is well made, \$28.00.

Purchaser pays transportation.

Wheelbarrow Leaf Rack



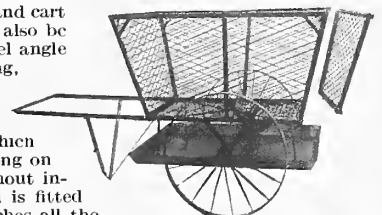
Wheelbarrow Leaf Rack

A handy device for collecting leaves and litter. It fits on any wheelbarrow with removable sides. It is made of galvanized wire bolted to a wooden base; capacity, about 10 bushels. Price (rack only), \$9.00. Purchaser pays transportation.

The Henderson Portable Refuse Burner

A portable steel rack for burning refuse and waste matter.

In reality a 2-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out. Is fitted with broad-tired wheels, which enables it to be pulled along on lawns or soft ground without injury. A strong steel pan is fitted under the axle which catches all the fire and ashes as they fall through the bottom. This pan can easily be emptied as needed.



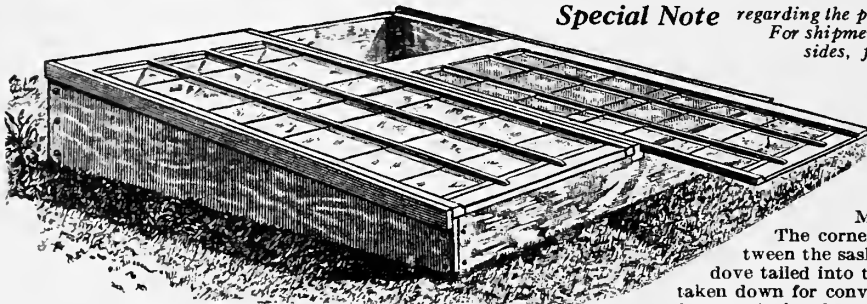
- No. 1. Capacity, 16 cubic feet.....\$48.00
- No. 2. Capacity, 11 cubic feet.....43.00
- No. 3. Capacity, 5 cubic feet.....38.00

Purchaser pays transportation.

Purchaser pays transportation charges on Implements, except where noted. When packed weight is given, they may be forwarded by parcel post. Include postage according to zone rates on page 173.

It's Fun to Beat the Season with a Cold Frame

Henderson's Hot Bed and Cold Frames, Sash, Mats, Etc.



Hot Bed Frame and Sash

Extra Fine Hot Bed Sash

Without Glass—Not Painted

These are made of selected Red Gulf Cypress, free from knots and sap. They have finished edges and an iron crossbar in the center.

Size, 3 feet wide by 6 feet long, 1 1/4 inches thick, and will require 3 rows of 10 x 12 glass. They are unpainted except the joints, which are white leaded before being put together.

Price, \$3.50 each, \$38.50 per doz.

One box of glass, double thick, will glaze three 3 x 6 sash; cost of glass per box of 60 panes each, \$6.00. Purchaser pays transportation.

Extra Fine Hot Bed Sash

With Glass, Puttied and Painted, Ready to Use

With two coats of white paint. Price, \$7.50 each, \$82.50 per doz.

Packed and crated, \$1.50 extra per crate—from one to four to a crate. Purchaser pays transportation.

Regulation Hot Bed Sash

Without Glass—Not Painted

These sash are of Gulf Cypress, free from knots and sap. Size, 3 feet wide by 6 feet long and 1 1/4 inches thick. They are unpainted, well made and will take 5 rows of 6 x 8 glass. Price, \$3.00 each, \$33.00 per doz. Purchaser pays transportation.

One box of glass, single thickness, will glaze three 3 x 6 sash. Cost \$5.50 per box of 150 panes. Purchaser pays transportation.

Half Length Sash

Without Glass—Not Painted

These are made in the best manner of Red Gulf Cypress, 1 1/4 inches thick, 3 x 3 feet square, and will take three rows of 10 x 12 double thick glass. Price, \$2.50 each, \$27.50 per doz.

One box of glass 10 x 12 will glaze 6 half sash. Price, \$6.00 per box. Purchaser pays transportation.

With Glass, Puttied and Painted, Ready to Use

With two coats of paint. Price, \$6.50 each, \$71.50 per doz.

Packed and crated \$1.00 per crate extra; from one to four sash per crate. Purchaser pays transportation.

Perfection Glazing Points

The points being beveled on top will hug close to glass when driven.

Price, box of 1,000, 75c. Pincers used for glazing, price per pair, 70c. Transportation paid.

Diamond Glass Cutter

A diamond in one corner and a wheel in the other, thus giving a sure cut. Will never lose the point. Price, \$5.00; transportation paid.

Red Devil Glass Cutter.

For the price, this is a very satisfactory implement—cuts with a little steel wheel. Price, 25c. each; \$2.75 per doz.; transportation paid.

Twemlow's Old English Glazing Putty

For bedding glass in, for filling cracks or seams in roof joints and frames it is splendid, being impervious to moisture; and when set on dry it does not heave and will not crack nor peel. One gallon glazes about 300 lineal feet. Price, 1 qt., 90c.; gallon, \$3.50. Purchaser pays transportation.

Mastica

For glazing greenhouses, sash, skylights, etc. Also for cementing roof flashings and joints. Not affected by climatic conditions. Price, qt. 75c.; gal. \$2.50. Machines for applying Mastica, \$3.00 each. (See Cut.) Purchaser pays transportation.



Packed weight 2 lbs.

Rubber Putty Bulb

The best for applying putty and white lead when glazing and repairing sash. Price, \$1.60; transportation paid.

Special Note regarding the packing and shipping of glazed sash.

For shipment, glazed sash must be crated and boarded up on both sides, for which an extra charge is made of \$1.50 per crate for full size 3 x 6 ft. sash and \$1.00 per crate for "Half-length" 3 x 3 ft. sash. Up to four sash can be packed in one crate.

Henderson's Hot Bed and Cold Frames

Made of best cypress lumber, planed and painted.

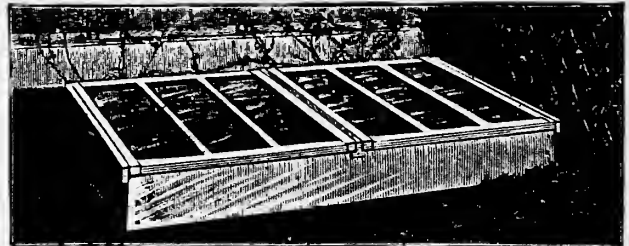
The corners join by bolting on angle irons. The rails between the sash are rabbetted for the sash, grooved for drip and dove tailed into the sides. Strong, durable and portable. Can be taken down for convenient storage when not in use; 8 inches deep in front, 16 inches deep at back. We ship them "knocked down," but they are quickly and easily put together by anyone.

These frames are furnished with or without our Extra Fine Glazed Sash described in next column.

Purchaser pays transportation. Cost of crating sash extra. See above.

A	Frame with 2 extra fine 3 x 6 ft. glazed sash	\$31.00	without sash	\$16.00
B	" " 3 " " " " " "	43.50	" "	21.00
C	" " 4 " " " " " "	56.00	" "	26.00
D	" " 5 " " " " " "	69.50	" "	32.00

Purchaser pays transportation.



"Half-length" Frame "Half-length" Sash

Henderson's "Half-length" Hot Bed and Cold Frames

These "Half-length" frames (36 inches wide) are made of the same lumber, etc., and painted just the same as the full sized frames described above, excepting that they are 12 inches above ground at the back which gives the same pitch to 3 x 3-foot sash as a 16-inch back does to full 6-foot length sash. Our frames are all shipped "knocked down," but they are quickly and easily put together by anyone.

Half-length Frames are offered with or without Half-length Glazed Sash described in next column. Purchaser pays transportation. Cost of crating sash extra. See above.

Half-length Frame with 1 3 x 3 ft. glazed sash	\$15.00	without sash	\$8.50
" " " 2 " " " "	23.00	" "	10.00
" " " 3 " " " "	33.50	" "	14.00
" " " 4 " " " "	43.00	" "	17.00
" " " 5 " " " "	52.50	" "	20.00
" " " 6 " " " "	62.00	" "	23.00

Purchaser pays transportation.

Henderson's Hot Bed and Cold

Frame Mats To Protect Plants from

Frost in Winter and Spring

"Burlap" Mats

These are made of strong burlap bagging, warmly lined with waste wool and cotton which is quilted in to hold position. A trial for two winters proved they do not harbor mice or other vermin.



Price, Henderson's Burlap Mats, 40 x 76 ins., \$2.75 each; \$30.25 per doz.; 76 x 76 ins., \$3.75 each; \$41.25 per doz. Purchaser pays transportation.

Henderson's Special White Paint

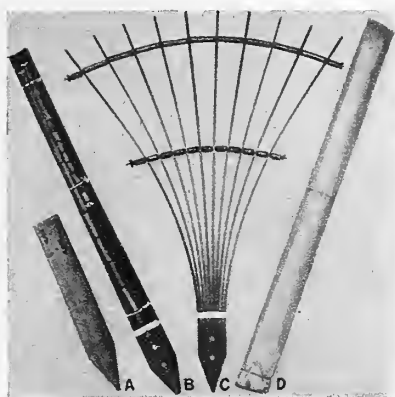
For Sash and Greenhouses

A very high grade of lead and zinc oil paint especially adapted for this work.

On new work apply two or three coats. Also on very old work apply two or three coats. Price, 1 qt. can, \$1.10; 1 gal. can, \$4.00; 5 gal. can, \$19.50. Purchaser pays transportation.



All glazed sash shipped at Purchaser's risk. Purchaser pays transportation charges on Implements, except where noted. When packed weight is given, they may be forwarded by parcel post. Include postage according to zone rates on page 173.



The Henderson Knockdown Trellis

The Henderson Knockdown Trellis

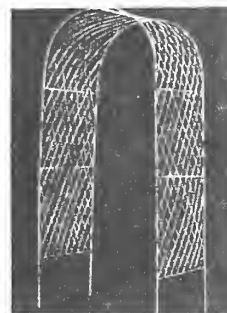
A New Invention—Needed in Every Garden

The Henderson Knockdown Trellis, which is fashioned after the principle of the folding fan, is made of the best clear, selected cypress. It is colored green with creosote stain, which is an additional protection to the natural long life of the cypress. It is furnished complete for immediate installation in the garden. It is quickly and easily assembled or knocked down. Letter (B) in the illustration shows the trellis knocked down, (C) the trellis expanded, (A) the post which is driven into the ground and on which the trellis is bolted. Bolts furnished. Complete instructions accompany each trellis. When knocked down, it is so compact that (as shown in illustration D) the smaller sizes may be easily forwarded by parcel post.

Prices of the Henderson Knockdown Trellis.
4 ft. high 36 in. spread, \$2.75, 5 lbs. Purchaser pays postage.
5 ft. 8 in. high, 56 in. spread, \$3.50, 9 lbs. Purchaser pays postage.
8 ft. high, 56 in. spread, \$5.00, not mailable. Purchaser pays transportation.

Arches Galvanized Wire

Heavy frames extend into the ground for stability. Made in two sizes; 18 inch, \$15.00 each; 30 inch, \$18.00. Both sizes are made to span a 4-foot walk. Furnished in two sections. Purchaser pays transportation.



Galvanized Wire Arch

Henderson's Border Fencing

Attractive

Inexpensive

Durable

For lawns, flower beds, vegetable gardens, etc., as a protection from romping children—chickens, dogs, etc., also useful around summer bungalows and homes. Can be taken up and used from year to year. Will conform to any shaped bed or border. Pickets are made from No. 9 heavily galvanized wire spaced 3 inches, and cables are of two heavily galvanized wires stranded and locked on each picket. Light, strong and durable. Height 22 inches. No tools are required, either in erecting or dismantling the fencing, as the pickets can be pushed into the ground without the use of a hammer.

Price: 15 ft. roll....\$2.10

Weight: 15 lbs.

Price: 25 ft. roll....\$3.25,

Weight: 20 lbs.

Price: 50 ft. roll....\$6.00

Weight: 40 lbs.

Price: 100 ft. roll....\$11.00

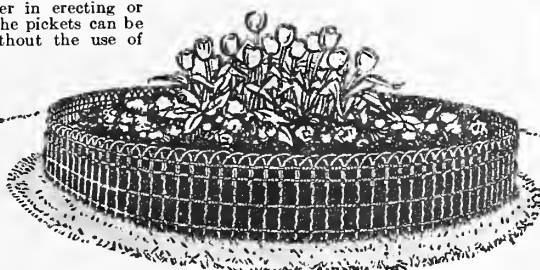
Weight: 80 lbs.

Express or Freight

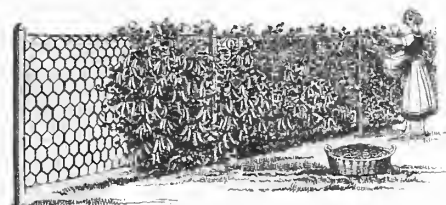
Price: 165 ft. roll....\$16.50

Weight: 135 lbs.

Purchaser pays transportation.

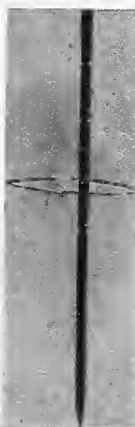


Galvanized Wire Garden Trellis



Indispensable in every well-kept garden, easily put up more tidy than brush, practically indestructible. Can be rolled up, stored away and used again year after year. Tomatoes grown on this Trellis are clean, ripen more evenly, and are less liable to rot. Cucumbers and other vines can be advantageously trained on the Trellis, economizing space and insuring cleaner and better matured fruits. This Trellis, 48 inches wide, is made of the best galvanized wire, 2-inch mesh, and is furnished in 10-foot lengths, with a 5½-foot stake at each end and one in the centre. Price, per 10-foot length, \$1.50; per doz. lengths, \$16.50. Purchaser pays transportation.

The Adaptable Plant Support



Adaptable Plant Support

Our Adaptable Support simplifies the problem of supporting Peonies, Tomatoes and many other bushy plants.

A heavy wire hoop is skillfully attached to the stout square stakes so that it may be raised or lowered in the spaced notches as desired. The stakes are four feet high, made from durable wood and are painted green.

The hoops are made from heavy iron wire, are coated with a rust resisting paint, and can be hooked together so that the plant will be held firmly yet loose enough to admit enough sunlight in order to promote healthy growth.

Price \$2.50 doz. Packed weight 16 lbs. Extra Hoops for Stakes \$1.50 doz. Extra stakes only \$1.50 doz. Purchaser pays transportation.

Wooden Tomato and Plant Support

With the use of these popular supports the bother of tying the plants is avoided and at the same time the tomatoes, etc., are held up from the ground so that they obtain the full advantages of light and air, and are thus able to develop properly.

The supports are made from hard wood, are 36 inches high and 16 inches wide.

They are so constructed that they may be put together or taken apart quickly and easily.

Therefore they may be stored away when not in use without taking up any great amount of space. They can be used over and over again.

Price, 40c. each. Packed weight 6 lbs. \$4.00 per doz. Packed weight of doz., crate 100 lbs. Purchaser pays transportation.



Extension Plant Support

Especially adapted for Carnations and similar plants, as the upper ring may be moved up or down as the size of the plants require. They are made of steel wire, well galvanized to prevent rusting, and are used by the leading growers.

Height, 24 in. diameter 7 in. Packed weight, doz., 5 lbs.

Purchaser pays transportation.



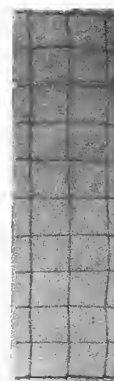
z Ring Model

Prices of supports	Per Doz.	Per 100	Per 1000
2-ring.....	\$1.00	\$7.00	\$60.00
3-ring.....	1.25	8.00	67.50

Henderson's Pea Netting

This netting is made of strong twine, and dyed in a tan bark preservation solution that gives it long enduring qualities. An excellent support for Garden Peas, Sweet Peas and other vines. Height 52 inches, 5-inch square mesh. Made in 300 foot lengths and sold in 25 ft. lengths and over.

Price 15c. per lineal foot, transportation paid.



Pea Netting

Wooden Plant Stakes

Stakes—Round Green Tapering			Square Green Tapering		Round Dahlia Poles Green, White Tops		
Length	Doz.	100	Doz.	100	Length	Doz.	100
2 feet	\$0.60	\$4.00	\$0.50	\$3.25	2 feet	\$1.10	\$7.50
3 "	1.10	7.50	.90	7.00	3 "	1.80	12.50
4 "	1.50	11.00	1.25	9.50	4 "	2.25	16.50
5 "	2.00	14.00	1.85	13.50	5 "	2.75	20.50
6 "	3.25	24.00	2.25	16.50	6 "	3.50	27.00

Purchaser pays transportation.

Hardwood Stakes. Eight feet long; suitable for growing pole beans. Price, \$2.50 per doz., \$18.00 per 100. Purchaser pays transportation.

Imported Heavy Bamboo Stakes

These stakes are very strong and durable

4 feet—Natural color.	Per 100.....	\$4.50	Per 500.....	\$20.25
6 "	" " " " " "	7.00	" " " " " "	31.50
8 "	" " " " " "	8.00	" " " " " "	36.00

20-foot sweeps, 50c each, \$5.50 doz., \$40.00 100. Purchaser pays transportation.

Light Japanese Cane Stakes, Dyed Green

Good low-priced stakes, very useful for all purposes of plant staking, including: Delphinium, Gladiolus, etc. These stakes are thin, but very strong.

Lots of 100 are delivered transportation paid within 150 miles of New York City. Beyond this zone purchaser pays transportation. On lots of 500 or more purchaser pays transportation.			
	Per 100	Per 500	Per 1000
2 ft.	\$1.00	\$3.75	\$ 6.80
4 ft.	1.65	6.50	12.00
6 ft.	2.20	8.50	16.00

The Song of Birds Adds Charm to the Garden



Aprons for Gardeners

Aprons for Gardeners

These all enveloping aprons are a necessary part of the gardener's wardrobe. Equally valuable for garden or greenhouse use.

Fine Khaki Cloth, 41 inches long, with bib and pockets. Price, \$2.50. Transportation paid.

Rubber, 45 inches long, with bib and reinforced edges with brass eyelets. Price, \$3.50. Transportation paid.



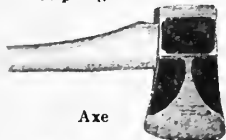
Asparagus Buncher

Asparagus Buncher American No. 4

The asparagus stalks are laid in with the Buncher open. When closed, the Automatic Clamp Catch holds the asparagus firmly until tied and cut. The back can be adjusted in or out for any length desired. The Buncher is made of Japanned Iron, the Inner Spring Bands and Catch are made of Brass. Mounted on a Wooden Base. Price, \$5.00. Packed weight, 8 lbs. Purchaser pays transportation.

Axes

Best quality handle. Light, 2½ lbs., \$2.75; medium, 3½ lbs. \$3.25; heavy 4½ lbs. \$3.75. Purchaser pays transportation.



Axe



Axe for Brush

Brush Axe

This is an excellent tool for trimming out underbrush, cutting down old hedges, etc. Price, handled, \$3.00. Transportation paid.



Bags for Grapes

Bags for Grapes Glassine

To enclose growing bunches of grapes as a preventive of mildew and black rot, as well as attacks of bees, wasps and other insects. Price, 100, \$2.50; 1,000, \$22.50. Transportation paid.

Farmers' Baskets Round Splint

	Each
Bushel.....	\$1.50
1½ bushels.....	1.75
2 bushels.....	2.00
3 bushels.....	3.00

Purchaser pays transportation.

Wire Hanging Baskets

Green finish, strong and well-made, just the thing for decorating piazzas of hotels and summer residences.

Size	Each	Dozen
8 in.....	30c.	\$3.30
10 in.....	40c.	4.40
12 in.....	50c.	5.50
15 in.....	65c.	7.15

If wanted postpaid, add 10c. per basket or 50c. per doz. for postage.

Flower Picking Basket Natural Willow

Made in natural willow, 17 inches long, 11 inches wide, 3½ inches deep in center. Price, \$4.75. Transportation paid.

Round Picking Basket

Best oak splint, stiff bail, flat rim, strapped. ½ bushel, \$1.00. Purchaser pays transportation.

Vegetable and Berry Baskets

Made light for gathering fruits, vegetables and flowers. Made to hold Standard quart berry boxes.

Price, 16 x 12 x 3½ deep, \$.90 each; 18 x 12 x 3½ deep, \$1.00 each; 22 x 12 x 3½ deep, \$1.10 each.

Not available. Purchaser pays transportation.



Vegetable and Berry Baskets

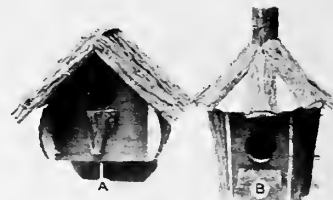
Bird Houses

A. Blue Bird House. Price \$2.50.

B. Interchangeable House. Arranged so that it may be changed to accommodate either a Wren or Bluebird family. Price, \$3.00.

C. Flicker House. Price, \$2.50.

D. Wren House. Price, \$2.50. Transportation paid.



A. Blue Bird

B. Interchangeable

C-Flicker
D-Wren

Henderson's Wild Bird Feeding House

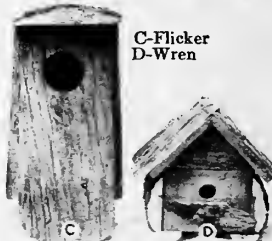
An artistic, practical and inviting diner for wild birds. It can be fixed to a pole, or suspended with a rope and pulley from a tree. One of our customers attached one on a pulley line running from an upper window of his home to a nearby tree.

The gravity feed hopper will hold about five pounds of seed which falls into a narrow sanitary feeding trough as it is consumed by the birds. The feeding trough cannot become foul and the seed will remain clean and dry in the hopper.

It is strongly built and will withstand the weather for many years.

Price \$3.50, transportation paid.

See page 81 for Henderson's Wild Bird Seed Mixture.



Henderson's Wild Bird Feeding House

Bird Netting

To Protect Fruits, Etc.

What is more exasperating than to find that your bird neighbors have destroyed the ripest and choicest berries, grapes or cherries. Lettuce and peas even flowers are not immune from their attacks, and they revel among some plants ripening seeds. All this may be obviated by shutting the birds out with bird netting. This is good quality cotton netting of 1-inch mesh and comes in 20- and 30-foot widths only and of reasonable length. Price \$1.75 per 100 square feet. Transportation paid.

Burlap Bagging Forty Inches Wide

For covering Plants, Shrubs, etc:
100 yards and up.....per yd. 13c.
50 yards and up.....per yd. 15c.
Less than 50 yards.....per yd. 16c.

Transportation paid.

Cloth, Patent Plant Protecting

Prepared to prevent mildewing and rotting; valuable for protecting plants from frost, covering hotbeds and frames in spring. One yard wide.

Heavy grade, per yard, 40c.; per piece of 50 yards, \$18.00.

Medium grade, per yard, 30c.; per piece of 50 yards, \$12.50. Transportation paid.

Copper Burning Brands

Made to order, with any name or initials for marking tools and implements. ¼, ⅜ and ½ inch letters. Price, with 5 letters or less, \$4.00. Additional letters, each 75c. Transportation paid.

Celery Bleachers

Made of heavy waterproofed paper riveted together making them sturdy and strong so that they may be used over and over again. With these Bleachers, no banking of soil or putting up boards is necessary.

Size 7 x 14 inches, per doz. 70c.; per 100, \$5.00; per 1,000 \$45.00.

Transportation paid.

Celery Handlers for putting on the paper celery bleachers. Tin, \$1.50. Transportation paid.



Celery Bleachers



A Strawberry Bed enclosed with Bird Netting



Cloth Patent Plant Protecting



For a Weedless Garden Use Mulch Paper

Knives for Budding and Pruning

K-778B—Grafting 1 blade. Black rubber handle. Brass lining, 4" when closed. Price, \$1.75.
K916—Sheep's foot blade, brass lined, nickel silver bolster, ivory handle. Price, \$1.50.



K919—Round and budding spaying blade. Same as K916. Price, \$4.00.

K6889—Combined budding and pruning, stag handle, steel lined and steel bolster. Price, \$1.65.

K6109—Large hook, single blade pruning, steel lined, steel bolster, stag handle. Price, \$2.50.

K6110—Medium sized point, single bladed pruning, stag handle, steel lined, steel bolster. Price, \$2.50.

K-900—Pruning blade with 2½" cutting edge, English crucible steel, steel lining, steel bolster. Coca Bola handle. Price, \$1.50.

Transportation paid.

Asparagus Knives



American straight edge, each, 50c., American V-shaped knife, small, each, 50c.; large, 65c. Transportation paid.

Improved Neponset Waterproof Paper Flower Pots

Neponset Flower Pots are universally used by home-growers of flowers and vegetables, by truck-gardeners, by florists, by every grower of plants on a small or large scale. The use of Neponset Pots is inevitable wherever efficiency, convenience and low cost are factors in the growing, transplanting, storage or shipment of plants. Light in weight and low in cost, satisfying every demand of the domestic and commercial gardener.

Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.

In.	PRICES		Pkd. wt.
Diam.	Doz.	100	per 100
2½	\$0.15	\$0.60	\$5.15 2 lbs.
3	.18	.80	7.50 3 lbs.
3½	.20	1.00	9.15 4 lbs.
4	.25	1.30	11.40 6 lbs.
5	.30	2.00	17.75 8 lbs.
6	.45	2.70	22.00 10 lbs.

Purchaser pays transportation.

Purchaser pays transportation.

Watering Pots

REGULAR STYLE

Round regular style, heavy galvanized iron, one rose unscrews to clean. Not mailable.

6 qt. capacity...	\$1.10
8 " " "	1.25
10 " " "	1.50
12 " " "	1.75
16 " " "	2.00

Purchaser pays transportation.

FRENCH STYLE

Oval shape, easily carried in narrow places, heavy galvanized iron, reinforced, made well and substantial. Each pot has a fine rose and one coarse. Not mailable.

6 qt. capacity...	\$6.25
8 " " "	6.50
10 " " "	7.00
12 " " "	7.75
16 " " "	9.50

Purchaser pays transportation.

WOTHERSPOON

Round shape, heavy galvanized iron, reinforced, made well and substantial. Each pot has a long spout with one fine and one coarse rose. Not mailable.

6 qt. capacity...	\$5.50
8 " " "	6.00
10 " " "	6.25
12 " " "	6.75
16 " " "	8.75

Purchaser pays transportation.



Well Made
Will Last for Years

Handy Lawn Mower Sharpener

Will sharpen the duller mower in a few minutes. Price, 90c. Transportation paid.

Henderson's Weatherproof Plant Labels

No More Illegible Names. The Writing Is Protected

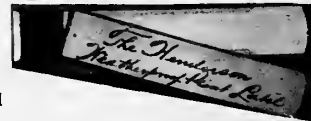
This is the latest achievement in labels for plants, and is bound to be universally appreciated by all gardeners, florists and nurserymen.

The written name is fully protected by a transparent celluloid case in which the heavy celluloid label itself is inserted. The entire label, case and everything will last indefinitely.

Write the names with Henderson Special Carbon Label Pencil illustrated on this page.

Henderson's Weatherproof Plant Labels are made in three sizes, furnished with copper wires for attaching. Transportation paid.

You will never forget the names of your Dahlias, Roses, or other favorite flowers if you use Henderson's Weatherproof plant Labels.



Waterproof Garden Label

The card holder is made of special Armco rustproof iron, galvanized. The stake is iron, 24 inches long. Finished in dark green, baked enamel. This label is a neutral color and is designed not to be unduly conspicuous. No. 10 card, 2¼ x 1½ in., each, 25c.; \$2.75 doz. Purchaser pays transportation.

Wooden Labels

Tree and Pot Labels are both supplied in 100, 500 and 1,000 lot packages.

Field Labels

18 inches, painted for permanent field labeling, also valuable for surveyor's markers, price 100, \$6.50; 500, \$30.00; 1,000, \$55.00. Packed weight: Per 100, 22 lbs. Purchaser pays transportation.

Henderson's Special Carbon Pencil

Black lead

just the

thing for

legible and

permanent

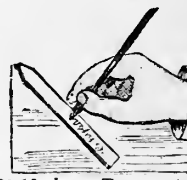
writing on

on wood

labels. Price

10c. each; \$1.10 doz.

Transportation paid.



Packed weights

	100	500	1,000
3½-inch plain, wired .. Tree	1-lb.	4-lbs.	\$0.40 \$1.50 \$2.75
3½-inch painted, wired ..	1-lb.	4-lbs.	\$0.50 \$1.75 3.25
4-inch plain labels .. Pot	1-lb.	4-lbs.	.30 1.25 2.00
5-inch plain labels ..	1-lb.	4-lbs.	.35 1.35 2.25
6-inch plain labels .. Garden	1-lb.	5-lbs.	.40 1.50 2.75
8-inch plain labels ..	2-lbs.	14-lbs.	1.00 4.25 8.00
12-inch plain labels ..	4-lbs.	35-lbs.	1.35 5.75 11.00
4-inch painted labels .. Pot	1-lb.	4-lbs.	.35 1.35 2.25
5-inch painted labels ..	1-lb.	4-lbs.	.45 1.50 2.75
6-inch painted labels .. Garden	1-lb.	5-lbs.	.55 1.60 3.00
8-inch painted labels ..	2-lbs.	14-lbs.	1.10 5.00 8.75
12-inch painted labels ..	4-lbs.	35-lbs.	1.50 6.75 13.00

Purchaser pays transportation.

Gator Hide Mulch Paper

Increases Garden Crop Yields Eliminates the Work of Weeding

A new but proved method for the growing of garden crops, which eliminates practically all of the labor of weeding and cultivating. It is the acme of simplicity, just unroll the strips of Gator Hide Mulch Paper between the rows and that is all. Besides checking the growth of weeds the paper holds the moisture and warms the soil, thus stimulating the crops, causing earlier maturity and increased yields.



Comes in two types each in 18-inch and 36-inch rolls.

Type A for Annuals in field culture:

18-inch roll

(1,350 sq. ft.)...\$3.50

36-inch roll

(2,700 sq. ft.)...\$7.00

Type B for Perennials in field culture and

All garden work:

18-inch roll

(675 sq. ft.)...\$3.50

36-inch roll

(1,350 sq. ft.)...\$7.00

Purchaser pays transportation. Trial size

rolls, style B-67½ sq.

ft. \$1.25, postpaid.

Superior Pruning Equipment

Professional Pruners' Saw

Used by Tree Surgeons

A lightweight, hornless handle, 26-in. blade, with special patent teeth.

Fine teeth at start, balance coarse wide set. Will be found to be one of the most rapid cutting saws for pruning. Price, \$4.25. Transportation paid.

Professional



Plain



Paragon



Lightning Double-edge



Swivel



Combined



Little Giant



Rhodes



Telegraph



Plain Pruning Saw

Narrow, gets among close limbs, and the upper edge being smooth does not cut the upper limb. 16-in. \$1.50; 18-in. \$1.75; 20-in. \$2.00. Transportation paid.

Paragon Double Edge Pruning Saw

A splendid tool for the purpose. The convex edge is for thrust cutting. The concave edge for draw cutting. 16-in. \$2.00; 18-in. \$2.25; 20-in. \$2.50. Transportation paid.

Lightning Double-Edge Pruning Saw

Lightning teeth on one side, ordinary teeth on the other. The most popular saw we sell. Price, 16-in. \$1.50; 18-in. \$1.75; 20-in. \$2.00. Transportation paid.

Swivel Pruning Saw

Blade can be swiveled around in the frame to suit any position required. The handle can be unscrewed and a pole attached when desired. Price, \$2.50; extra blades, 50c. each. Transportation paid.

Combined Pruning Saw and Chisel

A handy tool; attaches to pole of any length. With a thrust the chisel cuts off small branches. The saw is for larger limbs. Price (without Pole) \$2.75. Transportation paid.

Little Giant Pruner and Saw Combined

The knife operates with a cord spring throws the knife back.

Saws can be removed when desired attached to pole of any length. Price (without pole), \$3.25. Transportation paid.

Rhodes Pole Pruning Saw

Adjustable to any angle. Thrust cut on convex edge. Draw cut on concave edge. Pole 10 ft. long. Saw made of best quality spring steel. Price, \$4.50. Purchaser pays transportation.

Telegraph Tree Pruner

No. 1 attaches to pole of any length, operates with a cord; a spring throws knife back in position. Price (without pole), \$2.00. Transportation paid.

No. 2. A heavy high quality pruner for linemen, etc. It will cut limbs up to 1½-in. in diameter. Price (without pole), \$5.00. Transportation paid.

Waters' Tree Pruners

The best pruner on the market. Cuts limbs up to ¾-in. in diameter.

The spring on handle resets the cutting blade. Price, 4-ft. \$1.75; 6-ft. \$2.00; 8-ft. \$2.25; 10-ft. \$2.50; 12-ft. \$2.75. Purchaser pays transportation.

Extra knives, each, 30c. Postpaid.

Compound Lever

Jointed Tree Trimmer

In Four Sections, Each Section 4 ft. Long

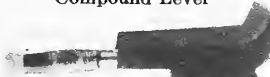
The Compound Lever Jointed Tree Trimmer enables the operator to use top and bottom section to make an 8-ft. pole; top and bottom section and two intermediate sections to make a 16-ft. pole. This tool is the same as the Compound Lever Pruner, with the added advantage of a jointed pole. Price, \$8.50. Purchaser pays transportation.



Jointed



Compound Lever



Bill Hook

Bill Hook, English

Very handy for trimming shrubbery hedges, etc.. Price, \$4.50. Transportation paid.

American

Lopping Shear No. 777

The American Lopping Shear is made with two drop forgings of high grade tool steel, carefully hardened and ground and fitted with 26-in. white ash handles, making a tool which is unsurpassed for cutting underbrush and limbs. Price, \$4.25. Transportation paid.



American Lopping

Rhodes Double Cut Brush Pruner

The Rhodes Double Cut Brush Pruner. Price, 26-in. \$5.50; 36-in. \$6.00. Transportation paid.



Rhodes Double Cut

"Iwan" Post Hole Digger

Two hundred to 300 Holes a day may be dug with it. After starting it, but little pressure is required, simply turn in; cuts down like an auger to any required depth through clay or soft ground. Price, for 6-in. holes, \$2.50; 8-in. holes, \$2.75; 10-in. holes, \$3.00. Purchaser pays transportation.



Iwan Post Hole Digger

The Lock Lever Post Hole Digger

The "lock lever" is automatic and locks the blade at right angles so that both hands are used in lifting the loosened earth. It works successfully in all kinds of soil. Scours or cleans in mucky soil. Made of best tempered steel. Only one blade to keep sharpened. Makes a hole of any desired diameter. Price, each, \$3.00. Purchaser pays transportation.

Lock Lever Posthole Digger

Tripod Fruit-Picking Ladder

A tripod stepladder, particularly adapted for picking fruit on uneven ground. It is light, strong, rigid and broad based and "stands where others fall." Flat steps (except two lower rounds), easy to stand on, easy to move. Price, 5 ft. \$4.00; 6-ft. \$4.75; 7-ft. \$5.25; 8-ft. \$6.00; 10-ft. \$7.50; 12-ft. \$9.00. Purchaser pays transportation.



Tripod Ladder

188 Rake Well for An Ideal Seed Bed for Lawn or Garden

Steel Garden Rake

10 teeth, \$1.10; 12 teeth, \$1.20; 14 teeth, \$1.30; 16 teeth, \$1.40; 18 teeth, \$1.50.

Fine Tooth Steel Gravel Rakes. 16 teeth, \$1.35; 18 teeth, \$1.60. Not available. Purchaser pays transportation.

Gem Lawn and Dandelion Rake

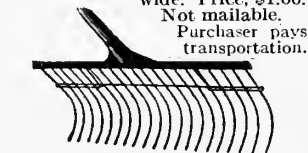
A fine-toothed sheet metal rake with self-cleaner. The stripper being operated by a wire trigger attached to the handle, so the contents can be deposited in a basket without handling. 16-in. head. Price, \$2.25. Not available. Purchaser pays transportation.

Steel Bow Rake

The best rake; does not break in middle; 12 teeth, \$1.25; 14 teeth, \$1.40; 16 teeth, \$1.50. Not available. Purchaser pays transportation.

Hoover Lawn Rake

Made from flexible steel spring wire, the teeth of the Hoover Rake will fit into any irregularities on the surface of the ground, taking all leaves with them, 20-in. wide. Price, \$1.00. Not available. Purchaser pays transportation.



Japanese Bamboo Rake

The Better Kind
Made of split bamboo wired head, therefore flexible and light to handle. Suitable for raking long and short cut lawn grasses, works equally as fine on gravel paths. 4-ft. ash handle. Price, 20-in. \$1.00, doz. \$11.00; 30-in. \$2.00; doz. \$22.00. Not available. Purchaser pays transportation.



Birch Brooms

These are of very superior manufacture, strong and lasting. Price, 75c. each; \$9.25 per doz. Not available. Purchaser pays transportation.

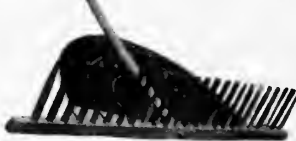


Prong Hoes, or Potato and Manure Hooks



Indispensable for digging potatoes and other crops, forking over manure. Four-round tine, \$1.25; Five-round tine, 1.50; Four-broad flat tine, 1.50. Not available. Purchaser pays transportation.

Lawn and Hay Rakes Wooden



Our wooden rakes are of a superior grade; selected wood, 3 bow, aluminum. Wooden lawn, 24 teeth, \$1.50; Wooden Hay, 12 teeth, \$1.25. Not available. Purchaser pays transportation.

Reversible Steel Lawn Rake



Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-in. head. Without handle. Price, \$1.00 each. Handles, 60c. Transportation paid.

Combined Hoe-Rake



A tool for weeding and cultivating; solid steel, 4-tooth, 4 1/2-in. blade, \$1.25; 6-tooth, 6 1/2-in. blade, \$1.50. Transportation paid.

Henderson's Steel Brume-Rake

The flat, spring-steel teeth which are slightly bent at the ends, will remove the smallest leaves and litter without injuring the sod. The Brume-Rake weighs less than a kitchen broom yet it is built for hard service. Price, \$1.25 each. Transportation paid.



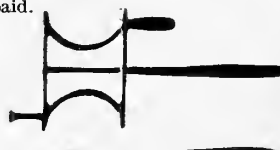
Japanese Lawn Broom

Suitable for sweeping putting greens, lawns and paths of cut grass, and leaves. Price, \$1.25. Not available. Purchaser pays transportation.



Garden Line Reels

Iron, \$1.25. Transportation paid.



Garden Lines

Coated cotton, per 100 ft. \$1.10. Best braided linen, per 100 ft. \$1.75. Transportation paid.

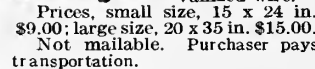
Cloth Bag Jelly Strainer



This strainer will be appreciated by every housekeeper who makes jelly or uses a strainer for any purpose. The bag can be easily removed for cleaning. The ring and supports are plated to prevent rust and tarnishing. Grips securely on any dish or pan; convenient for putting away in cupboard. Bag is 6-in. in diameter by 8-in. deep. Price, 75c. Transportation paid.

Perfect Rubbish Burner

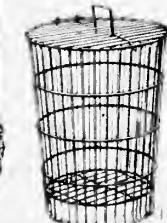
Every portion of this Burner is welded together by electricity. It is especially adapted for burning leaves and litter from lawns and gardens, also for Parks, Department Stores, School Houses, Public Buildings, and City Streets. The Burner is made of heavy material and will give long service. It is made of 1 1/4 by No. 14 gauge steel; the bottom and lid are of No. 12 galvanized wire. Prices, small size, 15 x 24 in. \$9.00; large size, 20 x 35 in. \$15.00. Not available. Purchaser pays transportation.



Henderson's Rubbish Burner

Also Valuable for Storage of Apples, Potatoes, Roots, Etc.
Manufactured of heavy galvanized wire, strong and durable, welded at all joints, suitable for disposal of waste paper and all kinds of rubbish.

No. 2. 24-in. high, 18-in. diameter top, 14 1/2-in. diameter bottom. Price, \$2.50.
No. 3. 28-in. high, 20-in. diameter top, 16 1/2-in. diameter bottom. Price, \$3.50. Not available. Purchaser pays transportation.



Superior Tree Guards

"Widemesh." Constructed of No. 8 and No. 9 galvanized steel wire, the horizontal wire being locked to the uprights by the patent clamp. Coiled springs prevent chafing. Rustproof finish. Mesh 2 by 6 in.

Size A. Diameter 8-in.; height 6-ft. \$3.00 each; \$33.00 per doz.
Size B. Diameter 10-in.; 6-ft. high \$3.50 each; \$38.50 doz.
Size C. Diameter 12-in.; 6-ft. high, \$3.75 each; \$41.25 doz.
"Cagemesh." Made of No. 17 wire, 5/8-in. mesh, reinforced every 6-in. by flat steel rods securely woven into the fabric. 6-ft. high, 6-in. diameter; \$1.75 each; \$19.25 doz. 6-ft. high, 8-in. diameter; \$2.25 each, \$24.75 doz. 6-ft. high, 10-in. diameter; \$3.00 each, \$33.00 doz. Not available. Purchaser pays transportation.



Low Wire Mesh Guards
18-in. high, 6-in. diameter. Price, \$3.50 per doz.; \$27.50 per 100. Not available. Purchaser pays transportation.



For Tying Plants, Vegetables, Grafts, Etc.

Has great strength and is not affected by outdoor exposure. Also much used for basket-making. Natural color only. Price (in braided plaits about 2-lb. each), 50c. per lb., 5-lb. lots \$2.00; 10-lb. lots \$3.50. For packed weight add 1 additional pound. Bales of about 225 lbs. Price on application. Purchaser pays transportation.

Jelly and Wine Press

Extracts the juice and ejects the skins and seeds in one operation; it can be used for the making of wines, jellies, fruit butters from grapes, currants, pineapples, quinces, tomato catsup, etc. Prices, family size, capacity 1 qt., \$7.50. Packed weight, 17 lbs. Purchaser pays transportation.



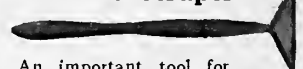
Perfect Fruit Picker



Galvanized steel wire, attaches to pole of any length. Price, without pole, 65c.; transportation paid. See page 195 for Bamboo Sectional Pole.

Tree Scraper

An important tool for scraping diseased bark from trees, removing insect eggs, cocoons, etc. \$1.25. Transportation paid.



"Cagemesh"

Purchaser pays transportation charges on Implements, except where noted. When packed weight is given, they may be forwarded by parcel post. Include rates postage according to zone on page 173.

190 There is no exercise as healthful as spading a garden

Old Country Austrian Scythes

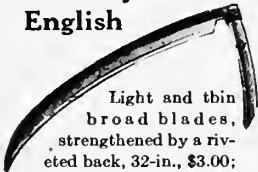


Forged and hammered out very thin from bars of special Scythe steel. They are very light and easily handled. The edges are not hardened like American Scythes, but receive their proper hardness and toughness through the long hammering. To sharpen, hammer on small anvil offered below. Price, \$3.00. Transportation paid.

Anvil and Hammer Set, extra, at \$1.25. Transportation paid.

Old Country Snath, \$1.50. Not available. Purchaser pays transportation.

Lawn-Scythe English



Light and thin broad blades, strengthened by a riveted back, 32-in., \$3.00; 34-in., \$3.25; 36-in., \$3.50. Purchaser pays transportation.

Scythes



Weed and Bramble Scythe, \$2.50; Bush Scythe, \$2.35. Bramble and Bush Snaths, extra, \$2.25. Purchaser pays transportation.

Scythe Snaths



Grass Snaths, extra quality patent socket, \$2.25 each. Purchaser pays transportation.

Stones and Rifles

Rifle Emer

25c. each. \$2.75 doz.

English

35c. each. \$3.85 doz.

Ohio Red

25c. each. \$2.75 doz.

Transportation paid

"Blue Ribbon" Long Handled Grass Hook

A high quality grass hook that can be used from an easy standing position. The 12-inch blade is made of best tempered steel; the 42-inch handle polished hard wood. Price, \$1.25. Transportation paid.

Grass Hooks

Imported English heavy riveted back thin cutting blade made from best grade steel
No. 1.....\$.90
No. 2.....1.00
No. 3.....1.10
No. 4.....1.25
Transportation paid.

KEEP OFF THE GRASS

"Keep off the Grass"

Name plate of iron; enameled blue with white letters; size 20 in. long by 4 in. wide. No Rod. Will last years. Price, \$1.85 ea.; \$20.35 doz. Transportation paid.

"No Trespassing"

Iron enameled blue, white letters. Sign 20x4 in., four screw holes for attaching to fences, trees, etc.; no rod. Price, \$1.85 each; \$20.35 doz. Transportation paid.

Heavy Tin Enamel Faced Signs

A. No Trespassing. Size 11x6 inches. Price, 25c. each.

B. Keep off the Grass. Size 10x6 inches. Price, 25c. each.

C. Hunting or Fishing on These Grounds Prohibited Under Penalty of the Law. Size 12x9 inches. Price, 50c. each.

D. \$25.00 Reward for the Arrest and Conviction of any Person Caught Destroying or Defacing This Property. (With space for owner's name.) Size 14x10 inches. 50c. each.

E. "No Parking Here"—9½x7. Price, 25c. each.

F. "Beware of the Dog"—10x4½. Price, 25c. each.

G. "Positively No Admittance"—5½x11 inches. Price, 25c. Transportation paid.



Lawn Policeman

Heavy metal plate; enameled green, white letters. Size 8¾ x 5½ in. Length of Rod 10 in. Price, 50c. Transportation paid.

Knuckle-Saver Grass Hook

Handle is raised from blade, making it possible to cut close without bruising or skinning knuckles. Price 75c., transportation paid.

Old Country Austrian Grass Hooks

Forged and hammered out from solid bars and are very light and thin, giving a good cutting edge. These hooks, being so thin, keep their edge longer than thicker and heavier hooks and when they are dull are more easily sharpened. Price, \$1.00 each; \$11.00 per dozen. Anvil and Hammer Set, extra at \$1.25. Transportation paid.

SPADES Henderson's Standard Quality



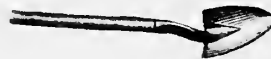
Henderson's Standard Quality, steel, smooth back; fully strapped. No. 2, D handle, \$1.75; long handle \$1.90. Boys' Spades, \$1.75. Ames' Superior Shovels.....\$2.75 Ames' Superior Spades.....\$2.75 Purchaser pays transportation.

Square Point Shovel



Henderson's Standard Quality, steel, strapped smooth backs. No. 2, D handle, \$1.75; long handle, \$1.90. Boys' shovels, \$1.40. Purchaser pays transportation.

Round Point Shovel



Henderson's Standard Quality, steel, smooth backs, strapped. No. 2, D handle, \$1.75; long handle, \$1.90. Purchaser pays transportation.

Nurserymen's Planting Spade



Used for transplanting seedling trees, shrubs, etc. Can be used in stony ground; forged from a single piece of carbon steel. Blade 11 in. long, 4½ in. wide, 30-inch handle. Price, \$3.00. Purchaser pays transportation.

Ladies' or Boys' Spade Shovel



A solid socket one-piece shovel made exactly similar to Henderson's Spade with round point and shorter handle. Very handy tool for ladies or boys to work around the garden. Measures 29 inches over all. Width of blade, 6¾ inches; depth, 9½ inches. Shipping weight, 4 lbs. Price, \$1.90. Transportation paid.

Home Garden Shovel

The Home Garden Shovel is so light in weight that a woman will be delighted to use it, and yet it is so sturdy that it will spade the toughest sod. Made of the very best of materials, it will serve for a lifetime as a general garden shovel. Price, \$1.50. Transportation paid.

Henderson's Revolving Border Cutter



A splendid tool for trimming the turf around the edges of walks and flower beds. A revolving knife enables the work to be done with rapidity. Price, \$2.25. Transportation paid.

Solid Steel Trowel



The cheapest trowel in the long run; light, strong, durable and perfect handle cannot come off. 5 in. blade, 65c.; 6 in., 70c.; 7 in., 75c. Transportation paid.

"Slim Jim" Trowel



A perfect trowel for making small, deep holes for transplanting and putting in bulbs; solid steel, strong and serviceable. No. A, 5 in. long, 20c.; No. B, 8 in. long, 30c. each. Transportation paid.

Heart-Shaped



Trowel

Heart-shaped blade 4¼ in. wide, for planting out plants from large pots, transplanting bulbs, etc. Price, \$1.00. Transportation paid.

Henderson's Wonderful Trowel



Is all metal—cold rolled-steel, all in one piece. So constructed that open ends will not lacerate the skin. Designed so that weight is scientifically distributed—eliminating likelihood of binding. Price, 30c. each. Transportation paid.

The Troweed



Combination trowel and weeder. Enters the soil with ease, picking out weeds without disturbing the growing plants; in transplanting it has no equal. Price, 50c. Transportation paid.

"Half-Moon" Grass and Turf-Edging Knife



For trimming the sod around borders of walks, etc. Price, with handle, \$1.50 each. Transportation paid.

Imperial Lawn Edger Trimmer



With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk. Price, \$2.00. Transportation paid.



Henderson's Perfecto Window Box

Henderson's Perfecto window boxes for flowers are recognized by scientific gardeners and florists as the correct idea in construction for growing house plants and porch plants. **The problem is solved by means of the patented self irrigating and air circulating system.**

Water can be poured in either end of box and quickly seeks the level of the connecting troughs and rises into the earth to the root of the plants where you want it.

The drainage plug in the end is removable, to be taken out only when the box is in the open and during heavy rainfall.

The material used in construction is copper-steel, with a lead coat, which will neither rust nor deteriorate like plain galvanized iron and is the best material procurable for a long-life flower box to be continually under moisture. It is light in weight. (See illustration.)

FINISH

The Perfecto is an ornament in good taste for any home and is constructed with this purpose in view. The finish is enamel, in green. Each box shipped or delivered is packed in an individual carton to insure preservation of finish and safe delivery to purchaser.

- No. 1. 20 inches long, 6 inches deep, 7 inches wide.....\$1.75
No. 2. 26 inches long, 6 inches deep, 7 inches wide..... 2.25
No. 3. 32 inches long, 6 inches deep, 7 inches wide..... 2.75
No. 4. 38 inches long, 6 inches deep, 7 inches wide..... 4.00
Transportation paid



Angle and Straight Neck Rubber Sprinklers

Rubber Plant Sprinklers

For sprinkling cut flowers, seedlings, clothes, etc. A pressure on the bulb ejects the water in a fine spray.

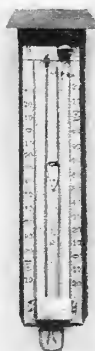
Prices, straight neck, 8 oz. size, \$1.25; 10 oz. size, \$1.50.

Angle neck, 8 oz. size, \$1.25; 10 oz. size, \$1.50. Transportation paid.

Hot Bed and Mushroom Bed Thermometer

Brass-tipped point encloses the temperature bulb; it is simply thrust into the soil or bed. Best grade.

Transportation paid, \$3.00.



Six's Maximum and Minimum Thermometers

For Greenhouse Use

Lacquered, polished brass case with sides flanged forward to protect the glass tube; scale graduated directly on the face of the case; hangers at top and bottom, for attaching to wall or post; length 10 in.; temperature range 40 degrees below zero to 120 degrees F. above. Transportation paid. Price, \$7.00.



Thermometers

Japanese Tin Case Thermometer

Magnifying spirit tubes, black oxidized brass scale, white filled figures. Scale ranges from 10 to 40 degrees below zero to 120 degrees F. above.

Price, 8 inches, \$1.25; 10 inches, \$1.50.

Transportation paid.

Brass Sun Dials

The widespread interest in high-class garden accessories has spurred our manufacturers on to produce goods that now rival those made in Europe. Sun Dials especially appeal to all garden lovers and we illustrate ready to screw on or cement to the pedestal or post.

No. 30—Brass, raised letters, diameter 6 inches.....\$4.00
"May thy days be filled with sunshine. Thy nights with peace"

No. 31—Brass, raised figures, diameter 10 inches..... 6.50
I count none but sunny hours

No. 32—Brass, raised figures, diameter 10 inches..... 7.50
My face marks the sunny hours, what can you say of yours.

Transportation paid.



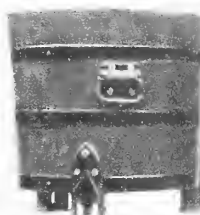
No. 30



No. 31



No. 32



Cedar Tree Tubs

The cut illustrates our regular style tree tubs—this being our first or original type. These tubs are made of seasoned selected Virginia White Cedar, have heavy castings and are trimmed with extra heavy flat steel hoops. These tubs are painted both inside and out with best oil paints, and the hoops and castings are trimmed in a jet black paint. On this style we use a removable bottom. Substantially made, handsome and attractive, and every tub guaranteed.

Inside Measurements. Purchaser pays transportation.

Size	Top Diameter Inches	Bottom Diameter Inches	Depth Inches	Hoops Inches	Price Each	Weight Lbs.
No. 0	24 3/4	22 3/4	24	32 1/2	\$12.50	56
No. 1	23 3/8	20 1/2	22	31 1/2	11.10	34
No. 2	21	18 7/8	20	31 1/2	9.90	37
No. 3	18 5/8	17 7/8	18	31 1/4	8.05	28
No. 4	16 1/2	14 7/8	16	31 1/4	6.50	24
No. 5	14 1/2	13 1/8	14	31	5.85	17
No. 6	12 7/8	10 7/8	12	31	4.65	14
No. 7	11 3/4	9 7/8	10	3 3/4	4.10	10
No. 8	10 3/8	9 7/8	9 1/2	3 3/4	3.55	9

Cortlandt Tubs

For Specimen Plants and Trees

These Tubs are made of Specially Selected Seasoned Cypress.

Painted Green inside and out with best Oil Paint. Smooth, rounded, beveled Top Rims.

Electric welded wire hoops, stapled and clinched. Neat, strong and serviceable.

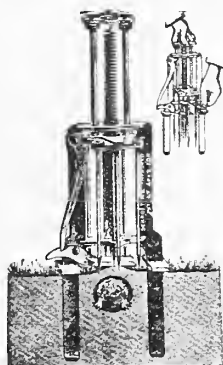
Pack	Wt.	No.	Top Deep	Each
3 lbs.	A1—	11 x 10	...	\$1.40
5 lbs.	B2—	12 x 11	...	1.60
6 lbs.	C3—	14 x 13	...	2.50
8 lbs.	D4—	15 x 14	...	3.00

Purchaser pays transportation.



The Cortlandt Tub

Schroeter Improved Mole Trap



No doubt one of the best traps offered. Low in build and self-setting. Can be used where other types are too high. Sets well in soft ground. Price, \$2.25. Transportation paid.

The Perfection Mole Trap

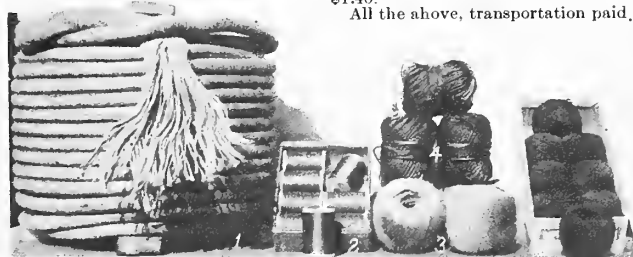


is easy to set and it will catch moles deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger. Price, \$1.30. Transportation paid.

Twines, etc., for Market Garden, Farm and Greenhouse Use

(Shown in engraving below)

No. 1. Three-ply Jute Twine in cable, 100 strands to cable. Preferred by market gardeners for bunching vegetables. 50-lbs. to reel. Price, \$12.50; 2-ply 50-lb. reel. Price, \$13.00. Purchaser pays transportation.



No. 2. Green Silkaline, Meyer's F.F.F. Fast color, very strong Spool, 45c. Box of 8 spools, \$3.15.
No. 3. Jute, 2 ply or 3 ply. Price, per ball, 20c.; doz., \$2.20.

No. 4. Marlin, Tarred; for making mats and other uses where long endurance is required. Price, per ball, 35c.; doz., \$3.85.

No. 5. Green Sea Island Cotton. Price, per ball, 20c. Box of 8 balls, \$1.40.

All the above, transportation paid.

A Weedless Garden is the Garden Lover's Pride

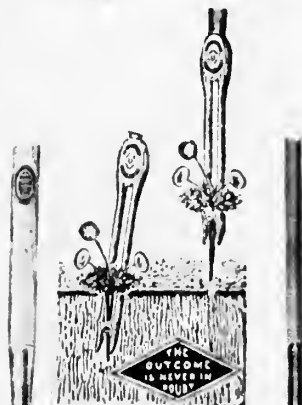
IMPROVED WEEDERS



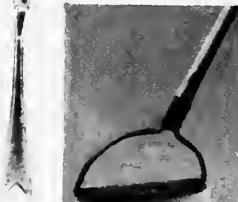
Dandelion
Puller



LIFTING
WEEDER



Out-U-Kum



Easy
Way
Weeder

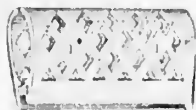
Perfect
Weed Cutter



Chisel
Weeder

Earp-Thomas Soil Tester

It will show in an instant whether the soil is in an alkaline condition or whether lime is required. It will show which crops will thrive best in the soil. Full directions sent with each tester. Price, \$5.00. Transportation paid.



Handy
Lawn
Mower
Sharpener

Will Sharpen the Dullest Mower in a Few Minutes

The file has four cutting sides. Loosen screws to turn file. The groove of the sharpener follows the curve of the blade. When operating, place short side of groove on the bevel side of blade. It will also sharpen the under blade or bed knife. Price, 90c. Transportation paid.

Dandelion Puller

The root is caught by a patented non-clogging double-tooth prong which projects from inside of blade, and up comes root to the last inch, nothing left to start new growth.

It also pulls plantain and other weeds. Price, 75c. each. Transportation paid.

Henderson's Lifting Weeder

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. Price, \$1.50 each. Transportation paid.

The Out-U-Kum Weed Puller

A Push and a Pull, That's All, Out Comes Weed, Root and All.

The accompanying illustration will convince anyone of the simplicity and certainty of extracting the weed without cutting or breaking the root. Price, \$1.00. Transportation paid.

Perfect Weed Cutter

13-inch, double-edge blade, 2 1/4 inches wide

Length over all about 39 inches. Weight about 2 3/4 lbs., complete with 32-inch handle.

The blade is set at correct angle for easy, natural swing to cut with both forward and back stroke.

Made sufficiently strong to cut heavy weeds and light bushes. Assembled with bolts and nuts—all parts interchangeable and easily renewed.

Price, \$1.75. Transportation paid.

Henderson's Easy Way Weeder

It has a long handle and measures 49 1/2 inches over all, is very strong and durable and saves the back and knees of the worker. Price, \$1.00. Transportation paid.

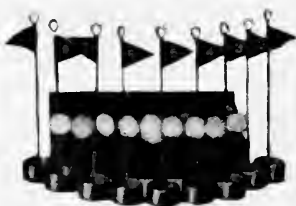
Chisel Blade Weed Cutter

Long handled, with foot rest, so it can be pressed, cutting off roots or weeds without marring. Price, \$1.75. Transportation paid.

Gardener's Kneeling Pad

A pad 9 inches wide by 15 inches long made of soft rubber that eliminates the discomfort of weeding and other garden operations that must be done on the knees. It guards against penetrating moisture and keeps the knees clean and comfortable. Price, \$1.00. Transportation paid.

Miniature Golf Sets



For use on the home lawn. The game is interesting, and is unsurpassed for practicing approach shots and putting. Set consists of nine small hole-rims, nine miniature flags, nine teeing plates. Price, \$12.50.

Eureka Hand Weeder

Short Handles 6 inches \$.70 each, \$7.70 dozen
Medium Handle, 25 inches .80 " \$8.80 "
Long Handle, 4 foot 1.00 " 11.00
Transportation Paid.

Magic Weeder

The hoe is useful in loosening hard ground. Price 70c. each, \$7.70 per doz. Transportation paid.

Excelsior Finger Weeder

Price, 30c. each, \$3.30 doz. Transportation paid.

Improved Dandelion Weeder

The ideal implement for eradicating dandelions from lawns, sports turf and golf greens. It is the lightest and most practical implement ever invented for the purpose. It is nine inches long, weighs but six ounces, cannot bend. Price, 85c. Transportation paid.

Hazeltine's Hand Weeder

Peculiar shape permits a wide range of work. 50c. each, \$5.50 doz. Transportation paid.

Dandelion and Plantain Spud

A handy tool for cutting dandelions, plantain and other weeds out of the lawn. Also useful when out botanizing. Price, 7 1/2 in. blade, 50c.; 20-in. blade, 75c. Transportation paid.

Three Cornered Onion Weeder

A popular tool for weeding among onions and other rowed crops. 70c. each, \$7.70 doz. Transportation paid.

Lang's Hand Weeder

A strap over the fingers keeps the tool in the hand while operator's fingers are left free. 30c. each; \$3.30 doz. Transportation paid.

English Daisy Grubber

A Weeder especially recommended for lawn work in digging daisies and dandelions; made of steel, with suitable wood grip. Price, \$1.40. Transportation paid.



Gardener's
Kneeling Pad
keeps the knees
clean and com-
fortable.

Ladies' and Youths' Set of Garden Tools

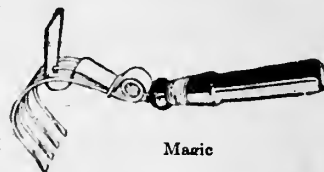


This set of light-weight tools comprise a long handled hoe with 4-in. blade, a long handled garden rake with 6 teeth, a round pointed spade, 8 x 4 1/4 in. blade, a 5-in. trowel, and an Excelsior Weeder.

They are all serviceable, well constructed tools (not toys). Price, set of 5 tools, \$4.00. Purchaser pays transportation.



EUREKA WEEDER



Magic



Excelsior



Dandelion Weeder



HAZELTINE'S WEEDER



Spud

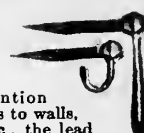


Onion
Weeder



Imported English Vine or Wall Nails

Splendid invention for fastening vines to walls, houses, trellis, etc., the lead clip being pliable turns over the vine, holding it in place and will give sufficient to prevent binding as the vine expands with age. 1 1/2 in. 60c. doz.; \$4.00 per 100; 2 in. 75c. doz.; \$5.00 per 100; 3 in. 85c. doz.; \$6.00 per 100. 50 at a hundred rate. Transportation paid.



Weather Vanes



COPPER
WEATHER
VANE

The vanes are made entirely of copper and brass and points of compass are of cast iron. All parts are well painted, revolving sections, balls and letter points of compass are gilded with 22 karat gold leaf. We can supply various designs, in various sizes, varying from \$10.00 and upward each. Special Circular mailed on application. Purchaser pays transportation.

"Watch and Spray" is the Motto of a Local Garden Club 193

Henderson's Banner Compressed Air Sprayer



Spraying Low Trees

None Better for the Medium Sized Garden or Small Orchard

For spraying vegetable crops, flowers, trees, bushes, shrubs, etc., also for spraying whitewash disinfectants and oils in chicken coops, barns, stables, etc. It sprays anything in liquid form, and can also be used as a fire extinguisher.

The tank is well made of heavy solid brass, or heavy galvanized steel, double seamed and well riveted, to stand heavy pressure. Tank has double bottom to withstand heavy knocks against stones or on concrete floors.

Pump, heavy seamless brass with cast brass pump head. Pump screws into center of tank and a few strokes of the pump charge the tank with compressed air, and by releasing the lever control spray pours forth in a fine broad mist, or long distance spray according to the adjustment of nozzle. Each pump is equipped with shoulder strap adjustment with snap ends for quickly removing.

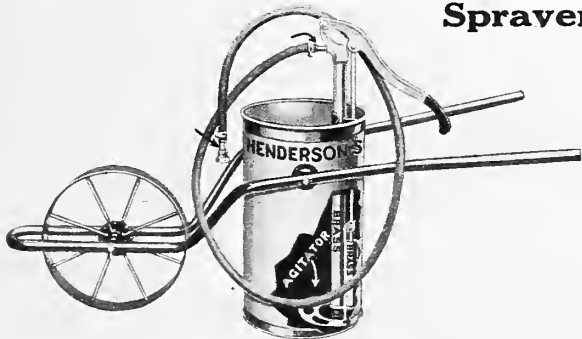
Hose, 2-ft. of 1/2 inch best grade, with coil spring to prevent breaking when not in use, and in addition a brass rod 2-ft. long with angle neck to allow easy spraying underneath leaves.

Nozzle, automatic, non-clog. Capacity 3 1/2 gallons.

	Price
Henderson's Banner Sprayer, Brass tank.....	\$9.50
Henderson's Banner Sprayer, Galvanized tank.....	6.50
Two-row attachment for spraying 2 rows at one passing.....	1.60
Brass Extension Pipes, 2 foot lengths, each.....	.70
Brass Elbow for spraying under leaves.....	.40
Brass Strainer for straining solution.....	1.50
Above prices transportation paid.	



The Henderson Wheelbarrow Sprayer



A Handy Outfit—Light in Weight

The Henderson Wheelbarrow Sprayer is made to fill the needs of the dairyman, gardener, florist and nurseryman. For spraying truck crops, vineyards, small orchards, flowers, and for spraying disinfectants, and white-wash in dairy barns, poultry houses, etc. The pump requires no priming and is made entirely of brass, provided with air chamber which keeps a heavy even pressure on the nozzle, thereby producing a large, broad, continuous unbroken mist or coarse spray, as desired with slow easy pumping.

The frame is steel, strong and durable. The pump may be quickly removed from tank and then the outfit may be used for wheeling water or slops about.

Specification

Length —Over all 60 inches; height 32 inches.		
Tank —Galvanized or Brass. Height 22 inches. Capacity 12 gallons.		
Brass —Entire pump; ball valves; valve seats, pump cylinder, air chamber.		
Wheel —Height 16 inches; rim 1 1/4 inches wide.		
Agitator —Dasher, keeps liquids thoroughly mixed.		
Hose —8 feet, best grade.		
Nozzle —Brass, with two spray discs for different sizes of spray. Strainer prevents clogging. Use extension pipe for best results. Price 70c.		
Price With Galvanized Tank	\$20.00	Purchaser pays transportation.
Price With Brass Tank	25.00	Purchaser pays transportation.

Compressed Air Atomizer and Sprayer



Delivers a continuous fog-fitted with straight and adjust making a perfect under-leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid sheet copper, highly polished; holds 1 quart. Price, \$2.25. Transportation paid.

Solid Copper

Jim-Dandy Sprayer

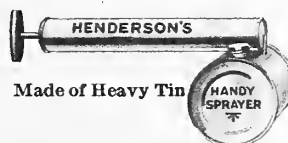
Adapted for spraying Garden and Farm Vegetables of every description; Shrubbery, Grape Vines, etc.

To operate, simply work plunger handle slowly; one stroke will cover a large area and no liquids wasted. Sprays anything and everything.

The reservoir is made of heavy galvanized iron, capacity two quarts; all other parts are entirely of brass, including ball check valves and nozzle. The Golden Spray Nozzle furnished is adjustable for large fine mist spray or long distance coarse spray. Price, \$4.00. Transportation paid.



Henderson's Handy Sprayer



Made of Heavy Tin

This handy little sprayer will be found to be very useful about the home. It is substantially built of heavy tin and can be used for spraying all sorts of chemicals, for fumigating purposes, also for insecticides in the garden, conservatory, window garden, chicken house and the like. Tank will hold about 1/4 pint. Price, 50c. Transportation paid.

The Spra-Rite Knapsack Sprayer

An Ideal Sprayer for the Market Gardens Capacity Three Gallons

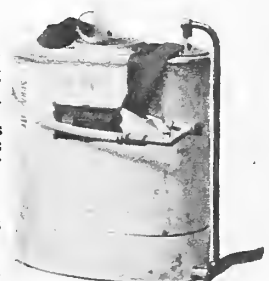
The pump is of the plunger type located just below the bottom of the tank, which keeps it primed at all times. A large air chamber gives a continuous flow and an even pressure on a spray nozzle.

Perfect valve action is assured, for there is only one solid bronze ball valve, which is readily accessible by unscrewing the air chamber.

Regularly equipped with 3 feet of hose, automatic trigger shut-off and nozzle.

With this sprayer a man can spray 5 to 6 acres of vines per day.

Price, Brass tank, \$20.00; Galvanized tank, \$16.00. Shipping wt. about 35 lbs. Purchaser pays transportation.



The Spra-Rite

A good Sprayer and a bottle of Evergreen (described on page 197) are an absolute insurance against a bug-ridden garden

Spraying Pays in Better Colored, Worm-free Fruit



Henderson's "Man-Size"

Water Barrel Trucks and Accessories

The Barrel, capacity about 50 gallons, is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while barrel is either full or empty.

We supply as extra attachments the following: A Box with trunnions and spring catch, making a very superior dumping Hand-cart. A Leaf Rack, very useful for removing leaves and litter. A Force Pump for Spraying, etc.

Prices of Henderson's "Man-Size" Water Barrel Trucks and Accessories. Purchaser pays transportation

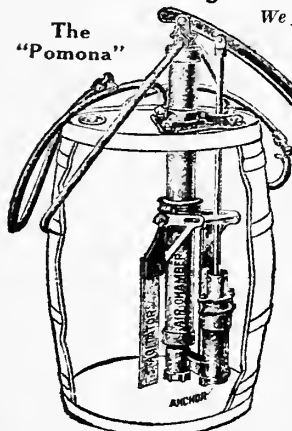
Water Barrel Truck, 3-in. tire, \$15.00 with new 50-gal. barrel...	\$22.50
Extra 50-gal. barrel, with trunnions on...	7.50
Hand-cart Box...	7.50

Leaf Rack...	\$15.00
Extra trunnions, per pair...	1.00
Sprinkler Attachments for Water Barrel. See page 178...	12.00

The "Pomona" Spray Pump

A Powerful High Pressure Two Hose Lead Pump

The "Pomona"



We furnish the Pomona for end of barrel only.

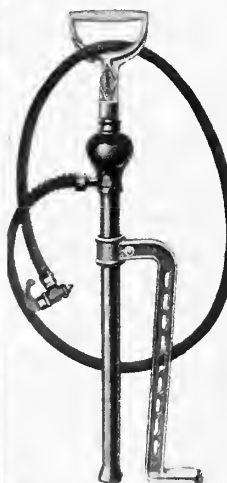
It is of large capacity and powerful, with long adjustable leverage, easily operated by one person, but especially built for spraying from two leads of hose. The large steel air chamber gives sufficient pressure for a continuous and regular spray. All working parts are of brass, including plunger and valves, and it has a paddle agitator. It is adjustable for barrels of different sizes, and as the bulk of the pump goes within the barrel, it is not top heavy, and does not catch low branches.

Pomona Pump, with agitator, \$23.00, or fitted to barrel, \$31.50; with Truck, 3-in. tires, \$51.50.

Pomona Outfit "A." Pump agitator, 1 lead, discharge hose (15 feet) spray nozzle, \$28.50; or fitted to barrel, \$38.50; with Truck, 3-in. tires, \$54.00.

Pomona Outfit "B." Pump agitator, 2 leads, discharge hose (15 feet) each, and two "mistry" spray nozzles, \$32.00; or fitted to barrel, \$42.00; with Truck, 3-in. tires, \$58.00. Purchaser pays transportation.

The "Henderson" Hand Bucket Pump



This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray as desired. Very light and easily carried, and works from any bucket or tub equipped with brass ball valves and valve seats which are not affected by poisonous solutions used in spraying. Three feet of detachable best grade hose is furnished. The large pump cylinder air chamber permits operator to easily maintain a constant pressure on the nozzle of from 100 to 200 lbs., producing a continuous, unbroken spray with slow easy pumping. Each pump has a brass strainer in bottom which strains all solution before it enters pump. Attractively finished.

For spraying small trees, shrubbery, garden vegetables; washing automobiles, wagons, windows, and for spraying whitewash, disinfectants, sheep dip and all insecticides. Price, \$6.00, or with extra 7-foot section of hose and connection for pole (no pole furnished), for tree spraying, Price, \$7.00. Also can furnish 2 foot Brass Extension Rods to fit this Pump (see opposite). Transportation paid.

whitewash, disinfectants, sheep dip and all insecticides. Price, \$6.00, or with extra 7-foot section of hose and connection for pole (no pole furnished), for tree spraying, Price, \$7.00. Also can furnish 2 foot Brass Extension Rods to fit this Pump (see opposite). Transportation paid.

Henderson's "Fruitall" Spray Pump

A High Grade General Utility Pump

Durable, Powerful and Easily Operated by One Person

Henderson's "Fruitall"

It is simple and parts are easily removed for cleaning. It has all working parts of brass. It can be mounted on or removed from barrel or tank by simple adjustment of two thumb-screws. It is held firmly by clamp at top and anchor at bottom. Brass Plunger is very strong. Brass Valves never clog. Steel air chamber. It has a long lever, is built low down and, with exception of lever and discharge, is contained within barrel, offering no obstruction to overhanging limbs. Pump is easily operated by one person. Paddle Agitator is mechanical in its action and much superior to the old method of "return discharge." Prices (for Barrels and Trucks, see above). Henderson's "Fruitall" Pump only, with Agitator, \$13.00; with Barrel, \$20.00. Henderson's "Fruitall" Pump, Outfit "A." Single Spray. Pump with 1 lead 15 feet, 1/2-in. discharge hose, with "Vermorel" Spray, Nozzle and Agitator \$18.00; or with Barrel, \$25.00; with truck, 3-in. tires, \$44.00. Purchaser pays transportation.



Extension Rods

A Necessity for Spraying Trees



Bamboo Extension Rod. Fitted with non-corrosive tube 1/4-in. diameter inside, with brass stop cock and drip guard. Price, 8 feet long, \$4.00; 10 feet long, \$4.50. Express only. Purchaser pays transportation.

Galvanized Iron Spray Rod, complete with stop cock, 1/4-in. female pipe thread. Total length 8 feet; 2 sections. Permit use of long or short rod. Price, \$3.50. Transportation paid.

Brass Extension Rod, 2 feet long, fits all Sprayers 1/4-in. thread for elevating Spray, one or more lengths can be coupled together. Price, 70c. per length. Transportation paid.

Automatic Nozzle. Fits 1/4-in. Spray hose. Works automatically with hand and fingers. Impossible to clog, no liquids wasted. Throws a very fine mist spray. Price, \$1.75. Transportation paid.

For other nozzles and spray hose, see page 179.

Enlist Your Local Boy Scouts to Fight Tent Caterpillars 195

Improved Key Duster Gun and Cartridges

Insects on plants are exterminated easily and effectively with the Key Duster Gun and Cartridges, which contain correct insecticides in concentrated powder form.

No handling of Spray Materials and no mixing of Poisonous Insecticides.

Just insert the Sealed Cartridge in the Spout end of the Gun, close gun, and dust the Foliage.

For Vegetable and Small Fruit use the **B. A. Cartridge.**

For flowers, Shrubs and Ornamentals use the **Orflore Cartridge.**

For Aphids and many Soft-Bodied Insects use the **Kaphis Cartridge.**

For the Orchard Fruit use the **L. A. S. Cartridge.** For Fruit and Vegetables when nearly ripe use the **Hellebore Cartridge.**



Improved Key Duster Gun, \$1.50. Directions with each Gun. All cartridges, 15c. each. If by mail add 15c. for packing and postage.

The Savage Duster

Highly adapted for dusting cotton with Calcium Arsenate for the control of the Boll Weevil and for dusting garden vegetables of every description, shrubbery, tobacco plants, etc.

Will dust every remedy in powdered form.

Easier to carry and operate than any hand duster made. Perfect balance, Ball bearings and gears packed in grease require no lubrication. Price, \$20.00. Packed weight, 15 lbs.



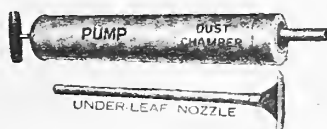
Purchaser pays transportation.

Handy Pail Duster



For applying dry insecticides, such as Bug Death, Slug Shot, Paris Green, etc.; practical and durable; easy to operate and gives quick covering to all plants and vines requiring a top application. Size, 10 by 6 inches, capacity about 5 lbs. of powder. Price, \$1.25. Transportation paid.

The Henderson Powder Duster



Made of Heavy Sheet Steel, 18 inches long, with extension tube to enable the operator to dust crops without bending over.

Extension tube is 17 inches long and can be turned to any angle. Long air chamber develops strong Blast.

Price, \$1.25. Transportation paid.

Henderson's Brass Syringes

They are fitted with Caps for ejecting water in one stream or dispersing it in a fine or coarse spray.



No. A. Length of barrel, 12 inches; diameter 1 inch; 1 spray rose and 1 jet. \$3.75. Transportation paid.



No. G. Barrel 16 inches long; 1 1/2 inches diameter; 1 spray rose and 1 stream jet side attachment and elbow joint. \$6.75. Transportation paid.

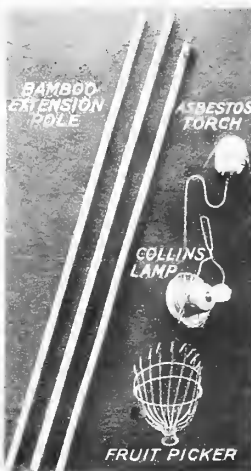


No. H. Sheet brass fixed spray rose; barrel 16 inches long; 1 1/2 inches diameter. \$4.25. Transportation paid.



No. 2. Barrel 13 1/2 inches long; diameter 1 1/8 inches; 1 coarse and 1 fine spray rose and 1 jet; side attachment, \$6.00. Transportation paid.

Bamboo Extension Pole With Brass Connecting Sockets Caterpillar Lamp Asbestos Torch



The **Bamboo Extension Pole** is made in 3 sections of 4 feet each and is securely connected with brass sockets, light and strong. Price, \$1.25. Transportation paid. It can be used with torch, lamp, or fruit picker.

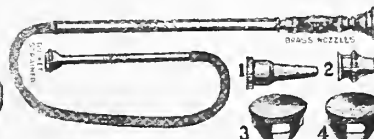
The **Asbestos Torch** is a galvanized wire basket filled with asbestos, when dipped in kerosene and lighted, is ready for use in destroying caterpillar nests in trees. Price, 60c. Transportation paid.

The **Collins Caterpillar Lamp** is constructed with a pan to catch the worms. Price, \$1.15. Transportation paid.

The **Fruit Picker**, when attached to the Bamboo Extension Pole, is adaptable for picking fruit from trees without the aid of a ladder. Price, 65c. extension pole extra. Transportation paid.

Henderson's Suction Spray Pump

Double Action—Continuous Spray



Nozzle No. 1 throws a straight stream 50 to 60 feet and is used for washing windows, automobiles or for extinguishing fires.

Nozzle No. 2 throws a wide coarse spray for spraying tall trees, sprinkling lawns, flower beds, etc.

Made entirely of Brass

Nozzle No. 3 has a strainer to prevent clogging and throws a powerful fine mist spray. It is used for spraying shrubbery, vines, trees, etc.

Nozzle No. 4 throws a wide powerful spray for trees 10 to 25 feet tall. Also for spraying whitewash in poultry houses, etc. Price, \$6.00. Transportation paid.

Woodason's Double Cone Powder Bellows

For Dusting Plants with Dry Powders for Insects and Fungus

This bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up. The best article ever invented for destroying insects in the conservatory, garden, orchard or field. Price, \$7.50. Transportation paid.

Woodason's Single Cone Powder Bellows

Price, large size, \$5.25; small size, (for conservatory and house use), \$3.50. Transportation paid.

Jumbo Powder Gun

For applying insect powders on plants in the house or small gardens, it will hold about 4 ozs. of powder, which is ejected and distributed by a pressure with thumb.

Price, 50c. each. Transportation paid.



No. 10. Barrel 18 inches long; diameter, 1 1/4 inches; 1 coarse and 1 fine spray rose, and 1 stream jet, with patent valves and elbow joint for sprinkling under the foliage. Price, \$9.25. Transportation paid.



No. 11. Same as No. 10 without patent valves. Price, \$8.00. Transportation paid.

Save your trees from the ravages of the Tent Caterpillar. A few minutes work with the Collins Lamp or Asbestos Torch attached to the Extension Pole shown above will clean your trees thoroughly and effectively

Henderson's Fluid Weed Destroyer Kills Poison Ivy

Kills all vegetation it comes in contact with, and prevents growth for a period of one year.

A sure killer of weeds, grass, etc., on tennis courts, paths, and driveways. 5 gallons is a sufficient quantity for tennis courts. Easily applied with sprinkling pot, or cart. Dilute with water according to directions and apply.

Should the ground be very dry it must be sprinkled with water, so that the Weed Killer will not soak away too quickly. Where large weeds and docks are to be destroyed it is best to mow or chop off the tops first.

To kill poison Ivy, make a solution of one part of Henderson's Fluid Weed Destroyer to fifteen parts of water. Take a crowbar or sharp pointed stick and make a hole in the soil near the root of the Ivy and pour a pint of the solution in the hole. If it is an old established plant, make two or three holes around the root and pour in the solution. In about twenty-four hours the leaves will have withered and shortly thereafter the entire plant will be destroyed.

For other vegetation, weeds, wild morning glory and the like, the following dilutions are recommended.

A quart can makes 7 to 10 gals., sufficient for 200 sq. ft. \$.70

A gal. can makes 30 to 40 gals., sufficient for 800 sq. ft. \$2.00

5 gal. keg makes 150 to 200 gals., sufficient for 4,000 sq. ft. \$7.50
50 gal. bbl. makes 1,500 to 2,000 gals., sufficient for 40,000 sq. ft. \$50.00

Can only be shipped by express or freight. Purchaser pays transportation.



Henderson's Worm-Killing Grass Food

Henderson's Worm-Killing Grass Food not only stimulates the grass on lawns, putting-greens, tennis courts, croquet grounds, etc., into rich green growth, but it quickly eliminates the earth or angle worms that burrow in the turf in almost unbelievable quantities, causing the soil to become sticky, sour and loosening it and the roots so that hot sun and dry weather cause the grass to turn yellow and die out in spots. More lawn troubles are traceable to earth worms than most people realize, and we advise all whose grass is not as good as it should be to apply Henderson's Worm-Killing Grass Food at the rate of $\frac{1}{2}$ pound to a square yard and water in with a hose. The worms will then almost immediately come to the surface and die. For putting-greens it is invaluable, keeping them free from worm casts, level and true without the trouble and expense of daily brushing and rolling. It is used by many Golf and Country Clubs and on many private grounds in the United States, and all users are gratified with the results. Henderson's Worm-Killing Grass Food is a non-poisonous powder not injurious to animal or bird life. Its fertilizing properties, while combined into a well-balanced grass food, are not so strong but that it can safely be applied on grass according to directions.

Price of Henderson's Worm-Killing Grass Food:
5-lb. pkg., 85c.; 10-lb. pkg., \$1.50; 25-lb. pkg., \$2.75; 50-lb. bag, \$4.50; 100-lb. bag, \$7.50.

Prices for Larger Quantities Upon Request.

We prepay transportation charges by parcel post, express or freight at our option within the first and second zones (150 miles of New York City.) Purchasers, beyond these zones, pay transportation charges.

"Climax" Lawn Sand

A non-poisonous dried chemical, which is evenly distributed at 4 ounces per square yard; kills weeds by adhering to the broad, flat leaves, but falls clear to the roots of the grass and fertilizes the soil.

Price, 3 $\frac{1}{2}$ -lb. tin, 90c.; 7-lb. tin, \$1.65; 14-lb. tin, \$2.60; 28-lb. tin, \$3.75; 56-lb. tin, \$7.00. Purchaser pays transportation.

Purfeck Chickweed Eliminator

The Modern Method of Destroying Chickweed

Chickweed is one of the most troublesome lawn and sports turf weeds, because of its extreme persistency. Mowing will not destroy it and hand extermination is a long tedious job. Even where the weeds are pulled by hand they are not completely destroyed because in most cases the roots are broken and the portions remaining in the soil begin to grow anew.

Purfeck Chickweed Eliminator is a concentrated solution which is mixed with water and sprayed on the plants. This solution kills only the chickweed and does not injure the grass.

For lawns, the solution should not be sprayed during the hot weather but only in spring and fall. It takes from a week to twelve days to completely destroy the chickweed. It is recommended to use an extension rod on the sprayer (described on page 194) so that the spray may be applied from about two to three inches away from the plants.

Price: 1 qt. 75c.; 1 gal. \$2.00; 5 gal. \$9.00; 10 gal. \$17.00; 25 gal. \$35.00; 50 gal. \$60.00.

Purchaser pays transportation.



Controls fungus diseases, quickens seed germination.



Du Bay Seed Disinfectants

Important Notice: The Bayer-Semesan Company has selected from the lines of seed disinfectants originated by Bayer and du Pont, to both of which it has succeeded the most efficient formulas for each class of seed treatment, and will market and advertise them under the trade names listed below.

Instead of planting your seeds and fighting disease afterwards, you can now treat them first with one of the Du Bay Seed Disinfectants and prevent many harmful seed-borne diseases. These seed disinfectants are easily and quickly applied to the seed before planting and, by controlling certain diseases that exist on the seed, result in better crops of improved quality.

Their use also makes possible earlier planting in the spring due to their protective action against certain disease organisms.

The amount of these seed disinfectants required is so small that the treatments are extremely economical to use.

Nu-Green

A Grass Disinfectant for Brown-Patch Prevention and Control. Also stimulates growth of grass.

Sizes of Packages	Price Per Package
3-oz. tin.....	\$.50
1-lb. ".....	2.00
5-lb. ".....	9.00
25-lb. pail.....	37.50
100-lb. drum.....	145.00
300-lb. ".....	420.00



"Damping-Off". Seedlings grown from Semesan-treated seeds are more resistant to the costly "damping-off" fungi which so severely attack both seedlings and cuttings.

"Brown Patch". Semesan prevents and cures "Brown Patch," a disease of grasses that destroys the turf on golf greens, grass tennis courts, parks and estates. Disinfection of grass seed with Semesan will also aid in preventing "Brown Patch."

Poison Not Mailable. Shipped by Express or Freight only. Purchaser pays transportation.

Semesan

General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

Sizes of Packages	Price Per Package
2-oz. tin.....	\$.50
1-lb. ".....	2.75
5-lb. ".....	13.00
25-lb. pail.....	56.25
100-lb. drum.....	220.00
300-lb. ".....	645.00

Semesan Jr.

A Dust Disinfectant for Seed Corn.

Sizes of Packages	Price Per Package
4-oz. tin.....	\$.50
1-lb. ".....	1.75
5-lb. ".....	8.00
25-lb. pail.....	31.25
100-lb. drum.....	120.00
300-lb. ".....	345.00

Semesan Bel

An Instantaneous Dip Disinfectant for Seed Potatoes.

Sizes of Packages	Price Per Package
4-oz. tin.....	\$.50
1-lb. ".....	1.75
5-lb. ".....	8.00
25-lb. pail.....	31.25
100-lb. drum.....	120.00
300-lb. ".....	345.00

Ceresan

A Dust Disinfectant for Wheat, Oats, Barley and other Cereals.

Sizes of Packages	Price Per Package
1-lb. ".....	\$.75
5-lb. ".....	3.00
25-lb. pail.....	12.50
100-lb. drum.....	49.00
300-lb. ".....	144.00

Purchaser pays transportation charges on implements, insecticides, etc. When packed weight is given, they may be forwarded by parcel post. Include postage according to zone rates on page 173

Remedies for Insects and Plant Diseases

Insects that suck the juices from Plants, Foliage, etc., such as lice, green, black and white aphid or fly, mealy bug, red spider and scale, must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; or in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Bug Death, Hellebore, Slug Shot and Tobacco Dust. The best fluids are Aphine, Black Leaf 40, Evergreen, Fish Oil Soap, Kerosene Miscible Oil, etc. For San Jose, Oyster and Scurfy Scale, use LIME SULPHUR, SCALECIDE, Etc.

Insects that Eat Plants, Foliage, Vegetables, Fruits, Flowers, etc., whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous stomachic insecticide such as Arsenate of Lead, or Hellebore. Less poisonous stomachic and contact insecticides are Bug Death, Evergreen, Kerosene, Miscible Oil, Slug Shot, etc. For Blights, Rust, Black Spot and Fungus Diseases, use BORDEAUX MIXTURE, FUNGINE, FUNGTROGEN, PYROX, Etc.

NOTICE.—Customer pays transportation. Poisons and liquids not mailable. Include postage on mailable insecticides, in accordance with zone rates on page 173 if wanted by parcel post. Those not mailable are so indicated.

Ansect (Rose Bug Destroyer). Although designed primarily for rose bug, Ansect is very effective against red spider, aster beetle, leaf hopper, mealy bug, most aphids (plant lice) and other garden pests. Price (postpaid), 4 ozs. 40c.; pt. \$1.10. By express at purchaser's expense; 1 qt. \$1.50; gal. \$4.00. Purchaser pays transportation.

Ant Killer. A very effective and much-needed product for use on lawns, sport turf, golf courses, etc. Not mailable.

Price, 50c. each tin; \$5.50 per doz. Purchaser pays transportation.

Antrol, a highly efficacious control agent for Argentine and native species of ants. The Antrol Set consists of 4 jars and a 4-oz. bottle of Antrol Syrup. A small quantity of the syrup is poured in the jars and they are then placed in the ant infested sections.

Antrol Set—4 jars and 4 oz. Antrol Syrup.....\$1.00

Extra jars.....each .15

Antrol Syrup pint bottles.....1.00

Not mailable. Purchaser pays transportation.

Aphine. Very powerful, soluble in water, applied as a spray, wash or dipping solution. It kills aphids, thrip, red spider, slugs, ants, mealy bug, scale. Price, 1 gill, 25c.; ½ pt. 40c.; 1 pt. 65c.; qt. \$1.00; gal. \$3.00. Not mailable. Purchaser pays transportation.

Arsenate of Lead Powder. For dusting mixed with Hydrated Lime or road dust or in liquid form. To kill most chewing insects on Plants, Trees, Shrubs, etc. Is far superior to Arsenate of Lead Paste, which contains a large percentage of moisture leaving a small amount of active ingredients that deteriorate rapidly.

Price, ½ lb. 30c.; 1 lb. 50c.; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$8.00; 100 lbs. \$22.00. Not mailable. Purchaser pays transportation.

Black-leaf 40. One of the best-known and most widely-used products for the effective and economical control of sucking insects. For Delousing poultry—"paint" Black Leaf 40 on top of roosts shortly before roosting time. It "works while they roost."

Price, 1 oz. bottle, 35c.; ½ lb. tin, \$1.25; 2 lb. tin, \$3.25; 10 lb. can, \$11.85. Not mailable. Purchaser pays transportation.

Bordo and Arsenate of Lead Powder. A combined insecticide and fungicide, kills bugs and prevents many diseases such as Mildew, Blight, Rot and Fungus. Can be used as a wet or dry spray. We advocate the use of Bordo and Arsenate of Lead Powder in preference to paste form, as it mixes more readily and holds its strength better and more convenient to handle.

Price, ½ lb. 30c.; 1 lb. 50c.; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$8.00; 100 lbs. \$24.00. Not mailable. Purchaser pays transportation.

Bordeaux Mixture, powdered. For blight, mildew, rust, etc. It has all the advantages of paste, with double the strength. Goes twice as far. Used for dry dusting or spraying. Dilute 1 lb. to about 6 gals. of water for 3-3-50 formula. Price, 1 lb. 40c.; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$5.75; 100 lbs. \$18.00. Not mailable. Purchaser pays transportation.

Bug Death. A non-poisonous insect-killing powder, for worms, bugs and caterpillars. Apply with a duster, bellows or powder-gun, at the rate of about 12 lbs. per acre. Price, 1 lb. 35c., postpaid. 5 lbs. 75c.; 12½ lbs. \$1.50; 100 lbs. \$10.00; purchaser pays transportation. Shaker for applying the powder, 50c. each, postpaid.

Calcium Arsenate Powder. Used for spraying potatoes, cotton, tobacco, against chewing and leaf-eating insects; kills quick. Sticks to leaves, mixes easily with water and can be used either wet or dry; can be combined with Lime Sulphur or Bordeaux Mixture. One pound makes about 40 to 50 gals. Price, 1 lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.50. Not mailable. Purchaser pays transportation.

Copper Solution, ammoniated. A fungicide for spraying when fruits are nearing maturity, or plants in bloom. One quart is sufficient for 25 gals. of spray. Price, 1 qt. \$1.25; 1 gal. \$4.00. Not mailable. Purchaser pays transportation.

Copper Sulphate (Blue Stone). Used for spraying, also composes a necessary part in Bordeaux Mixture when made up by user. 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$3.50; 100 lbs. \$12.00. Purchaser pays transportation.

Crow Repellent. Protects corn from rot, also birds and animal pests, such as gophers, squirrels, etc. Does not hinder germination. Price, large can, enough for two bushels of seed corn, \$1.50; small can, enough for 1 bushel, \$1.00. Not mailable. Purchaser pays transportation.

Cut Worm Killer. It has an enticing odor and attracts worms. One pound is sufficient for 175 plants in hills, or 100 ft. when in rows. Price, 1 lb. box, 50c.; 5 lb. box, \$2.00; 25 lb. drum, \$5.00. Not mailable. Purchaser pays transportation.

Evergreen (Non-Poisonous). Will not injure or discolor the most tender plant; Harmless to man, birds or animals, yet deadly to sucking and chewing insects, such as Aphids, Thrip, Rose Bug, Red Spider and Bean Beetles. One ounce makes up to 6 gals. of spray. Price (postpaid); 1 oz. bottle 45c.; 6 oz. bottle \$1.15. By express at purchaser's expense; 16 oz. bottle, \$2.00; 32 oz. \$3.50; 1 gal. \$13.00; 5 gal. \$50.00.

Fish Oil Soap (Whale Oil Soap). A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Price, 35c. per lb.; 5 lbs. \$1.60; 10 lbs. \$3.00. Purchaser pays transportation.

Fly Spray Liquid. For protection of horses, cattle, dogs and hogs from flies, mosquitoes, fleas and lice. A clean liquid spray which prevents and destroys lice and ticks on cattle and vermin on hogs and in hen coops. Harmless to use and non-penetrating. Easily applied with hand sprayer. Price, 1 qt. 75c.; 1 gal. \$2.00; Not mailable. Purchaser pays transportation.

Formaldehyde. A preventive of fungoid diseases as potato scab, smuts, musty corn, damping off of seedlings, club root, etc. Price (40 volume per cent.), 1 lb. bottle 50c.; 5 lb. bottle \$1.50; 9 lb. bottle \$2.50. Not mailable. Purchaser pays transportation.

Fungine. An effective sulphurated spraying remedy for mildew, rust and other blights. Does not stain the foliage.

Price, half pt. 40c.; pt. 65c.; qt. \$1.00; gal. \$3.00. Not mailable. Purchaser pays transportation.

Remedies for Insects and Plant Diseases—Continued

Fungtrogen. Controls mildew, black spot and many fungus diseases of Roses and other plants. A highly concentrated Fungicide invisible on the foliage or blooms. It is combined with a plant stimulant.

It is also valuable for rust on carnations and snap-dragons grown under glass and in the garden. It is effective for Phlox, Chrysanthemums, Hollyhocks, Delphiniums, Sweet Peas, Evergreens, etc. To use, mix with water 60 times its volume.

Prices, $\frac{1}{2}$ pt. 75c.; pt. \$1.25; qt. \$2.00; gal. \$6.00. Not mailable. Purchaser pays transportation.

General Disinfectant. Two or three times the strength of carbolic acid. Effective for veterinary use, for household and for cleansing places occupied by cattle, horses, dogs, hogs and poultry. Price, qt. 90c.; gal. \$2.30; 5 gal. can \$10.00. Not mailable. Purchaser pays transportation.

Grape Dust. For mold, mildew or rust mites, either in greenhouses or open air. Price, 5 lbs. 85c. Purchaser pays transportation.

Hellebore, Powdered White. Less poisonous than Paris Green and Arsenate of Lead, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved. 1 ounce in 3 gallons of water. Price, $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.30. Not mailable. Purchaser pays transportation.

Insect Spray, Household. Non-poisonous. Will not stain. Will exterminate the household fly, moth, mosquito, bedbug, ant, roach, and is a general insect spray. Do not spray on foliage. Price, 8 oz. can 50c.; 1 pt. can 70c.; 1 qt. can \$1.20; 1 gal. can \$3.00. Not mailable. Purchaser pays transportation.

Kerosene Miscible Oil. Better than Kerosene Emulsion. Is especially valuable against all soft-bodied insects. Can be used in place of Nicotine. Contains 80 per cent. Kerosene. Dilute 1 part oil to 16 parts water. Tender plants 1 part to 36 parts water. Price, 1 pt. 50c.; 1 qt. 75c.; 1 gal. \$2.00; 5 gals. \$7.50. Not mailable. Purchaser pays transportation.

Lemon Oil. An efficient insecticide for destroying most insects, and soft scales. It is applied as a spray or wash—diluted 1 part to 10 parts of water, has an agreeable odor. Price, $\frac{1}{2}$ pt. 40c.; 1 pt. 70c.; qt. \$1.20; gal. \$3.50. Not mailable. Purchaser pays transportation.

Lime Sulphur Solution. For scale insects on trees and such fungus bark diseases as can be treated in winter. Dilute and spray with a spray pump while trees are dormant, in fall, winter or spring. Price, qt. can 50c.; gal. \$1.25; 5 gal. can \$4.00. Not mailable. Purchaser pays transportation.

Lime Sulphur (Powdered). For dormant spraying of fruit and shade trees and bushes against San Jose and Oyster Shell Scales; also for peach leaf curl and brown rot of peaches. 1 lb. makes $3\frac{1}{2}$ to 5 gallons. Price, 1 lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.25. For packed weight add one pound. 25 lbs. \$6.50. Purchaser pays transportation.

Mag-o-Tite. For the elimination of root maggots in Cabbage, Kale, Brussel Sprouts, Onions, Radishes, and similar garden crops. Quantity required: 1 lb. will cover 150 feet of drill mixed in soil when planting. Not injurious in any way to plants and can be used at all times when grounds are affected with slugs, maggots, grubs, etc. Price, 1 lb. tin 50c.; 5 lb. tin \$1.50; 25 lb. steel container \$5.00; 50 lb. steel container \$9.00. Not mailable. Purchaser pays transportation.

Mo-Lo (Poisoned Tablet). For exterminating moles and field mice. Price, 25c per box of 12 tablets; \$2.75 per dozen boxes. Not mailable. Purchaser pays transportation.

Nico-Fume (Liquid). A modern insecticide for vaporizing and spraying. Price, $\frac{1}{4}$ lb. 75c.; 1 lb. \$2.00; 4 lbs. \$6.25; 8 lbs. \$11.50. Not mailable. Purchaser pays transportation.

Nico-Fume Tobacco (Powder). For fumigating greenhouses. Lights quickly, burns evenly, will not go out. No waste; every particle consumed. Protects greenhouses against ravages of insect pests, such as Aphis and Thrip. Price, 1 lb. tin \$1.00; 5 lb. tin \$3.75; 10 lb. tin \$6.85. Not mailable. Purchaser pays transportation.

Para-Dichloro-Benzene. For Peach Tree Borer. When placed around the base of a peach tree, will generate a gas that will kill the borers in that tree. Directions on container. Price, $\frac{1}{2}$ lb. 40c.; 1 lb. 75c.; 5 lbs. \$2.75; 10 lbs. \$5.00. For packed weight add one pound. Purchaser pays transportation.

Pyrox. An insecticide and fungicide for chewing insects, blights and fungus. Mix with water to apply. Price, 1 lb. 50c.; 5 lbs. \$1.75; 10 lbs. \$3.15; 25 lbs. \$6.50; 50 lbs. \$10.75; 100 lbs. \$18.00. Not mailable. Purchaser pays transportation.

Reade's "Electric" Worm Eradicator. When the ground is drenched with this liquid, using 1 part to 250 parts of water, the worms immediately come to the surface of the ground and die. Price, 1 pt. \$1.00; 1 gal. bottle \$5.00; 5 gal. keg \$17.50; 10 gal. keg \$32.50; 15 gal. keg \$46.50; 50 gal. barrel \$150.00. Not mailable. Purchaser pays transportation.

Scalecide. A complete dormant spray, unequalled for San Jose scale, and other orchard pests. Dilute 1 gal. to 15 gals. of water. 1 qt. 70c.; 1 gal. \$1.60; 5 gals. \$6.00; purchaser pays transportation; 10 gals. \$10.00; 15 gallon drum \$13.50; 30 gals. \$24.50; 50 gals. \$34.00. 10 gallons or more freight prepaid East of Mississippi River.

Scale Destroyer (Target Brand). Dormant Spray for San Jose and Oyster Shell Scales. Highly effective for Leaf Roller, tree infesting scale, and most soft-bodied sucking insects. Dilute 1 gallon to 20 gallons of water, and it is ready to apply. Price, 1 qt. 70c.; 1 gal. \$1.75; 5 gals. \$7.00; 30 gal. bbl. \$30.00; 50 gal. bbl. \$40.00. Not mailable. Purchaser pays transportation.

Slug-Shot. A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to the person applying it, or fruits and vegetables. Destroys potato bugs, beetles, green flies, slugs, worms, etc. Price, 1 lb. 20c.; 5 lbs. 60c.; 10 lbs. \$1.10; 125 lb. keg \$13.00; 250 lb. bbl. \$23.00. Purchaser pays transportation.

Tobacco Dust, Fine. For green and black aphid, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, 20c. per lb.; 5 lbs. 70c.; 10 lbs. \$1.10; 25 lb. bag \$1.50; 50 lb. bag \$2.50; 100 lb. bag \$4.50. Purchaser pays transportation.

Tobacco Powder, Fumigating. Extra strong dust for fumigating. Price, 25 lb. bag \$2.25; 50 lb. bag \$4.00; 100 lb. bag \$7.00. Express or freight. Purchaser pays transportation.

Tobacco Stems. Used for fumigating and as a fertilizer. Price, bale, about 100 lbs. \$4.00. Purchaser pays transportation.

Tree Tanglefoot. No crawling insect can pass a band of tree tanglefoot. One pound for 12 foot band 4 inches wide 1-16 inch thick. Price, 1 lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$5.25; 25 lbs. \$11.00. Add one pound for packed weight. Purchaser pays transportation.

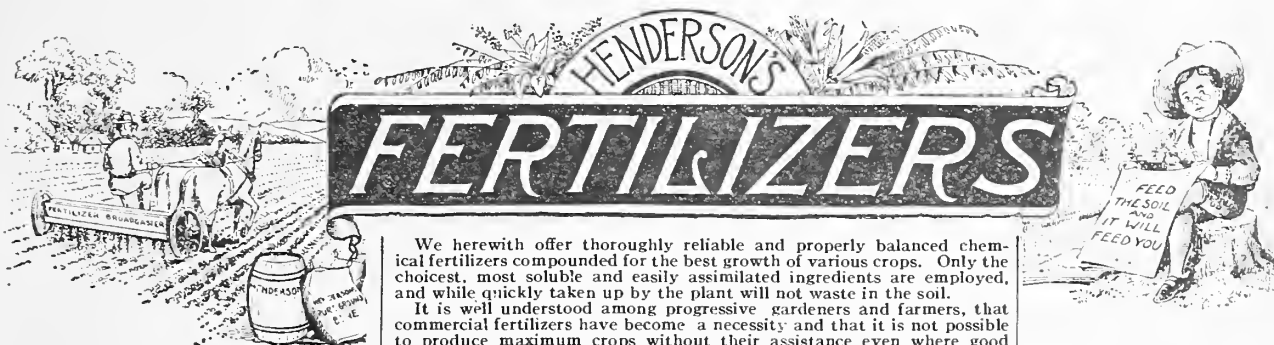
Tree Wound Paint. Is an insurance against decay, having penetrating, antiseptic and elastic waterproofing qualities. Sun and rain cannot cause the coating to break from the treated wood. Price, pt. 65c.; qt. \$1.20; gal. \$3.00; 5 gals. \$13.50. Not mailable. Purchaser pays transportation.

Vermine. Kills underground insects. Use 1 part Vermine to 400 parts water, thoroughly saturating the ground.

Price, $\frac{1}{2}$ pt. 40c.; pt. 65c.; qt. \$1.00; gal. \$3.00. Not mailable. Purchaser pays transportation.

Volck Insecticide. For the garden, greenhouse, florist and nurseryman. It successfully controls scale, mealy bug, white fly, red spider, and mites, aphid, caterpillars and many other insect pests. The wide range of pests for control of which VOLCK is now being used is constantly enlarging. Rose mildew is prevented by spraying with VOLCK. Price, $\frac{1}{2}$ pt. cans 50c.; pt. cans 75c.; qt. \$1.00; gal. \$3.00; 5 gals. \$12.50; 14 gals. \$25.00; 28 gal. drum \$40.00. Purchaser pays transportation.

Wilson's O. K. Plant Spray. For roses, chrysanthemums, evergreens, and all plants affected with scale or insects, under glass or outside. Price, $\frac{1}{2}$ pt. 40c.; qt. \$1.00; gal. \$3.00; 5 gals. \$12.00; $\frac{1}{2}$ bbl. \$50.00; bbl. \$90.00. Not mailable. Purchaser pays transportation.



We herewith offer thoroughly reliable and properly balanced chemical fertilizers compounded for the best growth of various crops. Only the choicest, most soluble and easily assimilated ingredients are employed, and while quickly taken up by the plant will not waste in the soil. It is well understood among progressive gardeners and farmers, that commercial fertilizers have become a necessity and that it is not possible to produce maximum crops without their assistance even where good animal manures are used.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SPECIAL NOTICE.—We prepay transportation charges on Fertilizers by parcel post, express or freight at our option with-in the first and second zones (150 miles of New York City). Purchasers, beyond these zones, pay transportation charges.

Lawn Enricher and Top Dresser

For New and Old Lawns, Athletic Fields, Golf Courses, Etc. It is Odorless, and Quickly Induces a Luxuriant Green Growth

The constant mowing of grass and removal of clippings also removes a proportion of digested plant food. Therefore, if the luxuriance of a lawn is to be maintained, it must be top dressed at least once a year with suitable fertilizer. The Henderson Lawn Enricher is a clean, odorless lawn dressing which never fails in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, and a remarkable improvement will soon be observed. If applied during the summer use half of the quantity and water in thoroughly with a hose. The use of "Henderson Lawn Enricher" entirely does away with the old practice of top dressing lawns with stable manure, so objectionable on account of unsightliness, disagreeable odors, so often full of weed seeds.

For forming a new lawn a 10-lb. package is sufficient to go over an area of 200 square feet, or 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old lawn. Apply broadcast with machine or by hand as evenly as possible on a quiet day and preferably just before rain. If applied during the summer use half of the quantity and water in thoroughly with a hose.

Prices:

5 lbs.....	\$.60	100 lbs.....	\$ 5.50
10 lbs.....	1.10	500 lbs.....	22.50
25 lbs.....	2.25	1,000 lbs.....	40.00
50 lbs.....	3.00	2,000 lbs. (1 ton).....	75.00

See Special Notice on top of page regarding Prepayment.

Tree and Shrub Food

For Fruit and Shade Trees, Shrubs, Evergreens, Bush Fruits, Grape Vines and Hedges

Trees and Shrubs just as flower and vegetable plants put forth their best efforts, their best flowers and fruits, when the soil is properly fertilized. This fact is well known by modern orchardists who fertilize their trees annually in order to keep them productive as well as in a healthy and flourishing condition, so that they will withstand the attacks of insects and fungus diseases.

Henderson's Tree and Shrub Food increases the size and improves the fruit on trees, bushes and vines, and the flowers of hardy shrubs.

The quantity to use for established plants depends upon their size. From 1 to 2 lbs. each will suffice for most shrubs and vines. Trees with a spread of about 10 feet require about 5 lbs. each. Those with a spread up to 20 feet, 10 lbs. Up to 30 feet, 20 lbs. Up to 40 feet, 35 lbs. Up to 50 feet, 50 lbs.

The food should be applied over the area covered by the overhang of the tree. Where the ground is covered with grass, holes may be made with a crow bar and these holes filled with the food. When setting out young trees mix from 1 to 5 lbs. to each tree in the soil where they are to be planted. When planting a hedge allow from ¼ to ½ lb. to each plant. Directions for applying sent with each package.

Prices:

5 lbs.....	\$.90	50 lbs.....	\$5.00
10 lbs.....	1.60	100 lbs.....	9.00
25 lbs.....	3.25		

Prices on larger quantities quoted on request.

See Special Notice on top of page regarding Prepayment.

Garden Fertilizer

Best Grade—Highly Concentrated

Contains all the Food Elements Required for Quality Vegetables and Flowers

Practical fertility such as will produce a large, profitable crop, depends on the actual available plant content of the soil; and this plant food must be supplied in such a form, so that it becomes quickly soluble, as then only can it be assimilated by the plants. The most approved method of maintaining a high degree of fertility in the soil is to work in a liberal application of a well-balanced, complete fertilizer before sowing each crop.

Henderson's Garden Fertilizer is strictly high grade, complete, highly concentrated, fine and dry. It is free from objectionable odor, and contains all the food elements needed by vegetables and flowers, for their quick growth, early maturity and perfect development. This is a matter of great importance particularly when growing vegetables, for those that mature quickly are invariably finer flavored than if their development is drawn over a more extended period. Early maturity is also of vital importance for the commercial grower.

The ingredients of Henderson's Garden Fertilizer are quickly soluble and immediately commence to feed the plants when incorporated in the soil, stimulating them into healthy, luxuriant growth, and feeding them until the end of the season. Even if the soil has received an application of stable manure, Henderson's Garden Fertilizer should be applied in conjunction with it as manure is rich in nitrogen, but deficient in potash and phosphoric acid, both of which are absolutely necessary in order to furnish the plants with a properly balanced ration.

Henderson's Garden Fertilizer is a properly balanced mixture, and with its continued use especially if a system of crop rotation is followed, a uniform degree of fertility may be maintained in the soil. It should be applied after plowing or digging and just before harrowing or raking at the rate of ¼ to 1 ton to the acre or 10 lbs. for plot 10 x 20 or 200 square feet. A light top-dressing applied at intervals while a crop is growing will produce magnificent results. Prices:

5 lbs.....	\$.60	100 lbs.....	\$ 5.50
10 lbs.....	1.10	500 lbs.....	22.50
25 lbs.....	2.25	1,000 lbs.....	40.00
50 lbs.....	3.00	2,000 lbs. (1 ton).....	75.00

See Special Notice on top of page regarding Prepayment.



Henderson's Superior Fertilizer for House Plants is a safe, clean and high-grade fertilizer free from disagreeable odor, prepared especially for feeding plants grown in pots. It is a wonderful invigorator, producing luxuriant, healthy growth, foliage of

rich texture and larger and more brilliant flowers. Detailed directions on each package.

Price, 12-oz. package, sufficient for 25 ordinary sized plants for one year, 30c. Transportation paid in United States.

Henderson's House Plant Fertilizer has made my plants grow like magic.
Mrs. J. F. Snyder,
Topeka, Kans.

The Finest Lawns in America are made with The Henderson Lawn Grass Seed (see page 12) and the leading Athletic Fields and Golf Courses use Henderson's Sports Turf Grasses (see page 7).

200 A Well Fertilized Garden is a Luxuriant Garden

SPECIAL NOTICE.—We prepay transportation charges on Fertilizers by parcel post, express or freight at our option with-in the first and second zones (150 miles of New York City). Purchasers, beyond these zones, pay transportation charges.

Henderson's Medium Fine Bone Meal Excellent for Top Dressing Lawns

As the feeding rootlets of plants only assimilate their food in liquid form, it will be observed that a fertilizer that disintegrates slowly before it becomes soluble will supply plant food over a long period of time. A fertilizer of this character will also not leach through a light soil before the plant growth is ready to take it up.

It is for its slow disintegrating and long lasting qualities that Bone Meal is so very desirable for fertilizing all hard wooded plants, including flowering shrubs, fruit bushes, trees, and the like.

As there is absolutely no danger of burning or causing rot in fleshy bulbs, including Tulips, Hyacinths, etc., a liberal application of Bone Meal mixed into the soil before planting them will be amply repaid for by the remarkable size and brilliancy of the flowers obtained.

For Lawns it is a dependable fertilizer, as it contains the essential elements that grass requires. It may be broadcast as a top-dressing at any time either in early spring or during the growing season with beneficial results. Farm crops, grains, etc., are all improved with the use of Bone Meal.

Quantity required. For lawns, pasture and mowing lands, 10 lbs. to 200 square feet or $\frac{1}{2}$ to 1 ton per acre. For trees and vines, 2 to 4 lbs. each. For field and garden crops, $\frac{1}{4}$ to 1 ton broadcast and harrowed in. For rose beds, pot plants, etc., one part to about fifty of soil. Prices:

5 lbs.	\$.60	100 lbs.	\$ 5.00
10 lbs.	1.10	500 lbs.	20.00
25 lbs.	2.00	1,000 lbs.	35.00
50 lbs.	3.00	2,000 lbs. (1 ton)	65.00

See Special Notice on top of page regarding Prepayment.

Henderson's Blood and Bone Formula of A Fertilizer Par Excellence for Lawns, Golf Courses and Athletic Fields

Highly concentrated easily and quickly assimilable, the Henderson Formula is rapidly becoming the choice of progressive green keepers and groundsman on golf courses and athletic fields because an application of this fertilizer produces an immediate and lasting improvement to the turf.

Although it possesses a high nitrogenous and phosphoric acid content, this formula is safe to use at any season of the year. It is therefore valuable for revivifying turf that has suffered from drought or from excessive wear. It is also of exceptional value for garden crops, root crops, corn, grain, small fruits, grapevines, etc., and all grass lands.

Quantity required. When broadcast and harrowed in, use from $\frac{1}{2}$ to 1 ton per acre. For garden crops drill in 300 to 500 lbs. per acre.

100 lbs.	\$5.00	500 lbs.	\$22.50
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See Special Notice on top of page regarding Prepayment.

Pulverized Sheep Manure Contains the Life-Giving Elements of Stable Manure in Concentrated Form

Among the organic fertilizers Pulverized Sheep Manure is one of the most valuable. It contains all the essential plant food elements of stable manure, without the bulk and waste matter. It is assimilated rapidly by plant life and promotes a healthy and vigorous growth. Pulverized Sheep Manure is dried, screened, sterilized, ground and pulverized.

The Flower and Vegetable garden is particularly benefited by the use of Pulverized Sheep Manure. If should be spread at the rate of 100 lbs. to 1,000 square feet or 2,000 to 3,000 lbs. to the acre, applied after plowing just before the final harrowing.

Grass thrives luxuriantly when fed with Pulverized Sheep Manure. Use 100 lbs. per 1,000 square feet. Scatter broadcast over the old lawn or rake thoroughly into the top soil a day or two before seeding a new one.

Farm Crops, hay fields, grains, etc., respond wonderfully to an application of Pulverized Sheep Manure. The quantity required ranges from 1,500 to 2,000 lbs. to the acre, either drilled or broadcast.

Florists and Gardeners use immense quantities of Pulverized Sheep Manure for greenhouse plant culture. In potting soil, one part Sheep Manure to six parts soil is the usual proportion. For liquid, use 1 lb. of the manure to 5 gallons of water. In carnation, chrysanthemum or rose houses it is often used for a light top-dressing.

Prices:			
5 lbs.	\$.60	100 lbs.	\$ 5.00
10 lbs.	1.10	500 lbs.	22.00
25 lbs.	2.00	1,000 lbs.	37.50
50 lbs.	3.00	2,000 lbs. (1 ton)	70.00

See Special Notice on top of page regarding Prepayment.

Henderson's Prepared Compost Spent Mushroom Soil An Ideal Preparation for Top Dressing Gardens and Lawns— Also for Window Boxes and House Plants

Compost is an indispensable commodity in all gardening operations. It is difficult to successfully grow greenhouse plants without it, and it is an ideal mold for window and porch boxes and all house plants, also for starting seedlings indoors.

Henderson's Prepared Compost consists of well-rotted manure and soil, which has been used in the growth of mushrooms. When mushroom beds are made up they require fresh manure and soil in proportion, and after the crop has been harvested the soil is removed from the beds. It is then an excellent compost for dressing lawns, flower beds, vegetable gardens, etc.

When applying to gardens, spade up the ground, level, and apply about 1 inch of Henderson's Prepared Compost over the surface, and thoroughly rake into the soil.

Excellent for mulching or top-dressing roses, evergreens and fruit trees. For lawns, use 400 lbs. per 1,000 square feet, broadcast evenly and rake well into the soil. If properly done, the growth of the grass will be tremendously stimulated. When repotting plants this product is indispensable in the preparation of the soil. Prices:

25 lbs.	\$1.25	500 lbs.	\$10.00
50 lbs.	2.00	1,000 lbs.	18.00
100 lbs.	2.50	2,000 lbs. (1 ton)	30.00

Send for Special Quotation on carload lots.

See Special Notice on top of page regarding Prepayment.

Hyper Pulverized Humus

Nature's Product for Enriching Lawns and Gardens

Humus is not a chemical fertilizer, but a natural organic substance consisting of deposits of decomposed vegetable matter that have been accumulating for countless ages.

Our supply, which is obtained from a prehistoric lake basin, is dug, aerated and pulverized by specially designed machinery. It is fine and friable without any excess of moisture, though moist enough to maintain the bacterial life which it contains and that modern scientists assert is so important in supplying the life-giving energy to the soil.

Hyper Pulverized Humus is black in color, it is easy to apply, and serves many functions in the soil. It loosens heavy clayey soils, and promotes aeration. It increases the moisture absorbing power of light, sandy soils and corrects the mechanical condition of medium soils. Unless there is a supply of humus in some form in the soil it is impossible to obtain satisfactory crops of either grass, vegetables or flowers.

Hyper Pulverized Humus is absolutely odorless and is therefore very desirable for using in flats for starting seedlings indoors, also for potting bulbs and other house plants. Prices:

25 lbs.	\$1.25	500 lbs.	\$12.50
50 lbs.	2.00	1,000 lbs.	20.00
100 lbs.	3.00	2,000 lbs. (1 ton)	35.00

Send for Special Quotation on carload lots.

See Special Notice on top of page regarding Prepayment.

IMPORTED ENGLISH FERTILIZERS

Clay's Fertilizer

An English organic fertilizer used for forcing greenhouse plants and vegetables. Can be used in either liquid or dry form and raked well into the soil around the plants. Prices:

14 lbs.	\$2.25	56 lbs.	\$ 7.00
28 lbs.	4.00	112 lbs.	12.00

See Special Notice on top of page regarding Prepayment.

Thompson's Vine, Plant and Vegetable Manure.

An excellent all around fertilizer used extensively by gardeners of Private Estates here and abroad. Prices:

28 lbs.	\$ 3.00
56 lbs.	5.50
112 lbs.	10.00

See Special Notice on top of page regarding Prepayment.

Thompson's Special Top-Dressing Manure

7 lbs.	\$1.90	28 lbs.	\$ 4.50
14 lbs.	2.50	56 lbs.	8.00

See Special Notice on top of page regarding Prepayment.

Floranid

An Imported Highly-Concentrated Nitrogenous Fertilizer

The nitrogen content of Floranid is 92 times greater than that of ordinary manure. Although manufactured from an organic base, it is clean and odorless, and does not produce acidity or an alkaline condition in the soil. Only one teaspoonful to a gallon of water required for fertilizing flowers, vegetables, lawns or house plants. Price, 1-lb. can, 50c. Transportation paid in the U. S.

Price on application for larger quantities.

Your garden-loving friend will appreciate receiving this Catalogue when you no longer need it.

Miscellaneous Fertilizers and Garden Requisites

SPECIAL NOTICE.—We prepay transportation charges on Fertilizers by parcel post, express or freight at our option within the first and second zones (150 miles of New York City). Purchasers, beyond these zones, pay transportation charges

ADCO

Makes Artificial Stable Manure From Leaves, Straw, and All Garden Refuse

Dry leaves, mixed with Adco and kept moist, turn into excellent manure. So do flower stalks, cuttings, pea vines, and almost any other kind of non-woody vegetable waste.

Adco is a powder which, mixed with vegetable matter and kept moist, turns the latter into **real Manure**, but without the odor, flies, etc. The process is perfectly simple and not at all laborious. Farmers can use straw, corn stalks, etc.

Each shipment is accompanied by simple directions.

Adco, in 25-lb. bags, each.....\$2.00

(Enough for 12 wheelbarrow loads of garden waste, making $\frac{1}{2}$ ton of manure.)

Adco, in special 150-lb. bags, each.....\$10.50

(Enough for a heap 10 ft. x 10 ft. x 6 ft., making about 3 tons of manure.) Purchaser pays transportation.

Aluminum Sulphate

Gives the soil the acidity necessary for the successful culture of Rhododendrons and similar plants. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$7.50. Purchaser pays transportation.

Ammonia, Sulphate of (Dry)

As a nitrogenous stimulant there are few fertilizers that are more satisfactory than Sulphate of Ammonia. It is highly concentrated, showing a guaranteed analysis of 25 per cent Ammonia.

Our Sulphate of Ammonia is dry and of a fineness that may be almost compared to granulated sugar. Consequently it is easy to apply and distribute evenly, either by hand or mechanical means.

Sulphate of Ammonia is particularly desirable for grass lands, lawns, sports turf or pasture grasses. It is also freely used for grains and market crops. Orchardists use it for stimulating fruit crops. Being readily soluble, it is quickly available.

Prices:

5 lbs.....\$.85 50 lbs.....\$4.00
10 lbs.....1.45 100 lbs.....7.00
25 lbs. \$2.75. See Special Notice on top of page regarding prepayment.

Prices on larger quantities quoted on request.

Blood and Bone, Henderson's formula, see page 200

Bone Meal, Medium Fine, see page 200.

Clay's Fertilizer, see page 200.

Compost, Henderson's prepared, see page 200.

Floraid, see page 200.

Garden Fertilizer, Henderson's, see page 199.

House Plant Fertilizer, Henderson's, see page 199.

Humus, Hyper Pulverized, see page 200.

Lawn Enricher, Henderson's, see page 199.

Lime, Hydrated

Finely Pulverized

The value of lime as a soil improver is so well known that little need be said about it here. Although it possesses little fertilizing value in itself, it is indispensable for correcting acid soils, improving the mechanical condition of the soil, for grass, farm crops, etc.

Broadcast 10 lbs. to 200 square feet or 1 ton to the acre.

Prices:

5 lbs.....\$.45 100 lbs.....\$ 3.00
10 lbs......75 500 lbs.....12.50
25 lbs.....1.50

See Special Notice top of page regarding prepayment.

Send for special quotation on larger quantities.

Nitrate of Soda

On account of the fact that Nitrate of Soda is quickly dissolved and readily absorbed by plants, it is the most available inorganic form of nitrogen that can be obtained.

Apply between 100 and 150 lbs. to the acre. Water in thoroughly to prevent burning.

Price, 100 lbs. \$7.00. See special notice on top of page regarding prepayment. Prices on larger quantities on application. 100-lb. bag smallest quantity sold, by freight only. (American R.R. Express Co., will not accept shipments.)

Oyama Plant Food

By using Oyama on house plants it will keep them in bloom all winter and as green and luxuriant as if grown outdoors in the summer. It makes no difference how healthy or delicate your plants may be, **Oyama Will Bring Out New Flowers and Foliage**. Price, House Plant size, makes 6 gallons, 35c. Garden size, makes 32 gallons, \$1.20. Transportation paid in the United States.

Peat Moss, Granulated

This is an imported product consisting of the deposits of decayed moss growth that have been accumulating for many years along the banks of certain European lakes. It has been found that this product, which is actually a granulated peat, is of invaluable importance as a soil conditioner. It adds organic matter (humus), improves the texture, conserves moisture and aerates the soil.

Granulated Peat Moss is used extensively for mixing in soil for pot plants, also window boxes, and it is an excellent medium in which to grow bulbs. The rich mellow texture that it imparts to the soil with which it is incorporated puts the soil in ideal condition for the making of a lawn, a flower or vegetable garden. It is also used for mulching Perennial and Rose beds as well as around Evergreens, both the broad-leaved kinds, such as Rhododendrons, as well as the coniferous sorts.

Many gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc.

Price, small bale, about 1 $\frac{1}{2}$ bush., enough to cover 16 sq. ft. 1 in. deep, \$1.50. Large bales, about 19 to 20 bush., covers 240 sq. ft., 1 in. deep, \$4.00. Purchaser pays transportation.

Phosphate, Acid (Super Phosphate)

A high-grade product of treated phosphate rock. It is readily soluble, and is considered as one of the best mediums for supplying the much needed phosphorus to the soil. Price, 100 lbs. \$3.00. See special notice on top of page regarding prepayment.

Potash, Sulphate of

Is the most highly concentrated form in which this very important plant food element is obtainable. It should therefore be used with caution and preferably mixed with other fertilizers, using not over 125 lbs. of the sulphate to the acre.

Price, 100 lbs., \$8.00. See special notice on top of page regarding prepayment. Prices on larger quantities on application.

Potash, Muriate of

A popular form of the essential potash salts. It produces a very beneficial effect when applied to hay or pasture fields at the rate of 100 to 150 lbs. to the acre. All root crops, potatoes, beets, turnips, and the like, require a large proportion of potash in order to develop properly.

Price, 100 lbs. \$8.00. See special notice on top of page regarding prepayment. Prices on larger quantities on application.

Putting Green Fertilizer

The fine-leaved Bent grasses used on Golf Courses require a carefully compounded fertilizer of uniform analysis in order to obtain and maintain a uniform healthy turf growth.

After making many laboratory and field tests, we have developed in Henderson's Putting Green Fertilizer, a uniform blend of materials that has obtained great favor amongst the greens keepers of many famous golf courses. It is a supergrade mixture for golf courses and lawns that are composed of the Bent Formula of Grasses.

Prices, 100 lbs. \$5.75; prices for larger quantities quoted on request.

See special notice on top of page regarding prepayment.

Salt, Agricultural

Some crops, particularly asparagus, are greatly benefited by an occasional application of agricultural salt. 100 lbs. \$3.50.

See Special Notice top of page regarding prepayment.

Sheep Manure, Pulverized, see page 200.

Soot, Scotch Soft Coal

An imported article which has proven invaluable for the elimination of vermin in the ground. A liberal application broadcast over the ground and lightly raked in prevents the various insects from hatching. Can be used in perfect safety at any and all times, being non-poisonous. Price, 50 lb. bag, \$4.50; 100-lb. bag \$8.00. See Special Notice top of page regarding prepayment.

Sphagnum Moss

A necessity for all greenhouse operations. Indispensable for packing plants, and bulbs for storage or shipment, also for growing ferns, orchids, etc. For houseplants it is useful for covering the tops of pots to retain moisture in the soil.

Price, \$1.00 per bush.; 3 bush. bag, \$2.50; large bale of about 10 barrels, \$7.50. Purchaser pays transportation.

Stimugerm Bacteria

High Bred Nitrogen Gathering Bacteria for Seed Inoculation

Stimugerm will improve all leguminous crops and increase the amount of nitrogen stored up for future use in the form of nodules on the roots.

Stimugerm is supplied in a bottle with a ventilating stopper. This insures the bacteria being alive and active for at least one year. This feature assures constantly maintained high quality. Full directions are on every bottle.

We supply Stimugerm for Alfalfa and all Clovers. Prices, $\frac{1}{4}$ bushel size, 35c.; $\frac{1}{2}$ bushel 60c.; 1 bushel, \$1.00; 2 $\frac{1}{2}$ bushel, \$2.25.

Also for Vetches, Peanuts, Sweet Peas and every variety of Field and Garden Peas and Beans. Prices, $\frac{1}{2}$ bushel size, 35c.; 1 bushel, 60c.; 5 bushel, \$2.25. State what crop it is wanted for when ordering.

A special composite culture is prepared for Peas, Beans and Sweet Peas only. Price, 25c. Transportation paid in United States.

Stim-u-plant

Stim-u-plant tablets increase production, heighten color and improve quality immediately. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hothouse benches, etc. They are as fine for evergreens as for all garden and potted plants.

Price, small size, 30c.; 100 tablets, 80c.; 1,000, \$3.75. Transportation paid in United States.

Thompson's, Manure, see page 200.

Thompson's Special Topdressing Manure, see page 200.

Tree and Shrub Fertilizer, Henderson's, see page 199.

202 Henderson's Selected List of Garden and Farm Books

All Books Listed are Delivered Transportation Paid in the U. S. and Possessions

Gardening for Pleasure

By PETER HENDERSON

Its scope embraces directions for the culture and propagation of Flowers, Vegetables and Fruits. It exhaustively treats on the Vegetables, Flowers, Fruits, Greenhouse, Grapery, Window Garden, Lawn, the Water Garden, etc. 404 pages, fully illustrated, price, \$2.00.

Gardening for Profit

By PETER HENDERSON

The personal success of its author during his long career as a market gardener, and the success of thousands from the time he first made his cultural methods known to the public shows the value set upon this work. While written for the Market Gardener, yet it is of equal value for large private gardens. 375 pages, fully illustrated, price, \$2.00.

Henderson's Bulb Culture

Gives up-to-date methods of treatment for all kinds of Hardy and Tender, Winter, Spring, Summer and Autumn Flowering Bulbs, Tubers, Corms, etc. Bulbs for Gardens and Lawns—Soils and Preparation—Time and Depth to Plant—Treatment after Flowering—Bulbs in the House and Greenhouse—Forcing—Flowering Bulbs in Glasses of Water, etc. Revised and enlarged edition, 68 pages, profusely illustrated, price, 75c.

The Culture of Water Lilies and Aquatics

By PETER HENDERSON

Gives the latest methods of growing Water Lilies and other Ornamental plants both in natural and artificial ponds, pools, tanks, etc. Revised and enlarged edition, profusely illustrated, price, 60c.

Henderson's Garden Guide and Record

It treats concisely about vegetable and flower gardening. It contains understandable articles on all gardening topics.

It is of convenient pocket size, 5 x 8½ inches, containing 64 pages of text including index. Also 12 pages, one for each month, for a diary. Price 35c.

General List of Books

ORNAMENTAL PLANTS AND FLOWERS

- Manual of Gardening.** By PROF. L. H. BAILEY. A practical guide to planning, making and caring for home grounds, growing vegetables, flowers, fruits, spraying, etc. \$3.00
- Home Floriculture.** By EREN REXFORD. A practical guide to the treatment of flowering and other ornamental plants in the house and garden. 1.75
- Home Flower-Growing.** By E. C. VOLZ. This book is a real flower garden encyclopedia! It gives up-to-the-minute directions for growing every kind of garden flower with instantaneous reference through an unusually complete index. Also tells how to prepare exhibits for a flower show, and how to organize a garden club. 151 illustrations. 364 pages. 3.50
- Gardening in the Lower South.** By H. H. HUME. The first complete guide to garden making for that region from So. Carolina through Florida and the Gulf Coast States. 5.00
- The Gardener.** By L. H. BAILEY. Simple directions for growing the common fruits, vegetables, and flowers in the garden and about the house. An accurate gardening guide, arranged alphabetically for handy reference. 260 pages. 2.00
- Bailey's New Standard Cyclopedia of Horticulture.** Freshly written in the light of the most recent research and experience largely by experts in their various specialties, all edited by Prof. L. H. BAILEY. It is published in three large volumes, sold only in complete sets. Buyer paying transit. 25.00
- The Farm and Garden Rule Book.** By Prof. L. H. BAILEY. Full of useful information for farmers, fruit growers, truck gardeners, florists and others. 3.00
- The Culture of Perennials.** By DOROTHY M. P. CLOUD. No flower lover should be without this work. It gives valuable information clearly, treating on the upkeep and making of perennial gardens, both old and new. Beautifully illustrated. 2.50
- A Woman's Hardy Garden.** By MRS. H. R. ELY. Gives in a charming manner a woman's long and successful experience in handling a large garden of hardy plants, shrubs, bulbs, etc. 2.00
- The Practical Flower Garden.** By Mrs. H. R. ELY. A new book by the author of "A Woman's Hardy Garden". 2.50
- Around the Year in the Garden.** By F. F. ROCKWELL. A seasonable guide and reminder for work with vegetables, fruits and flowers under glass for each month of the year. 2.50
- Commercial Floriculture.** By FRITZ BARR. A practical manual for the retail grower based on the author's experience of half a century. Profusely illustrated. 5.50
- Plant Culture.** By G. W. OLIVER. Propagator of the U. S. Dept. of Agriculture. A working hand-book for all who grow flowering and ornamental plants in the garden or greenhouse. 3.50
- Principles of Plant Culture.** By PROF. E. S. GOFF. This book is designed as a simple textbook for beginners in the study of agriculture and horticulture, treating on plant life from seed to flower and fruit, insects, etc. 2.10
- Milady's House Plants.** By F. E. PALMER. An instructive book on the successful culture of plants in the home. 1.25
- 1001 Garden Questions Answered.** By A. C. HOTTES. Its purpose is to solve your garden perplexities. When in trouble consult "1001". 2.00
- Greenhouse Management.** By L. R. TAFF. Forcing roses, carnations and other florist flowers, vegetables and fruits under glass; propagation, diseases and insects. 2.25
- Everybody's Garden.** By F. A. WAUGH. New. Every home needs a garden, and this is the book that tells how to get it. All the thousands of questions which arise are answered here. Beautifully illustrated. 3.50
- Greenhouses—Their Construction and Equipment.** By W. J. WRIGHT. An up-to-date treatise on the construction of greenhouses. The most complete work on the subject. 2.00

Henderson's Handbook of Plants

and GENERAL HORTICULTURE, By PETER HENDERSON

The standard American dictionary of plants, a complete work on cultivated plant life. Everything is arranged alphabetically and very complete descriptions are given, with full cultural instructions for everything of importance. There is sufficient matter given on all gardening subjects to allow this book to be termed *The American Gardener's Dictionary*. 654 pages, profusely illustrated, price, \$3.50.

Henderson's "Picturesque Gardens"

By CHARLES HENDERSON

This unique new book mirrors the charms of the prettiest parks, lawns and gardens of Europe and America. Over three hundred illustrations from nature—just enough text matter to describe the view and name the plants, vines, trees and shrubs needed to produce a similar effect or design. Those who are fond of improving their gardens and lawns will get many valuable ideas from this beautiful book. 460 pages, 9½ x 12 inches, 340 photographic illustrations, price, "De Luxe" Edition, handsomely bound in cloth, \$2.50; Popular Edition, heavy levant paper cover, \$1.25.

Practical Floriculture

By PETER HENDERSON

If you wish to become a Florist, you should procure this book. We have numbers of letters from people who actually knew nothing of the florists' business, but who followed the instructions in this work and now are "full fledged florists." Although written for the Florist, it is equally valuable to the amateur. 325 pages, fully illustrated, price, \$2.00.

Special Offer of Henderson's Books

If ordered at one time, we will supply the full set of eight Books offered above, for \$12.00. (Separately, they would cost \$13.60.) This set of Books forms a complete Library of the Garden, Greenhouse and Farm.

HARDY GARDENING AND LANDSCAPING

- Design of Small Properties.** By M. E. BOTTOMLEY. 265 pages. More than 50 examples of layouts for the general development of small city and country homes are presented. Gives descriptive lists of trees, shrubs, vines, and flowers with cultural directions. \$3.00
- Book of Landscape Gardening.** By F. A. WAUGH. A new book covering the whole subject from laying out grounds to trees and shrubs. A favorite with practical gardeners, park men, nurserymen, etc. 2.00
- Complete Home Landscape.** By JENNINGS and JOHNSON. A complete guide to planning, construction and planting of the garden and grounds of the average home. 2.50
- The Lawn.** By L. S. DICKINSON. A very complete and practical treatise containing latest and best knowledge on the making and upkeep of lawns. The directions if followed will enable anyone to establish a lawn on any kind of soil where grass can be made to grow. 1.25
- Lawns.** By F. F. ROCKWELL. Full of suggestions on laying out the lawn, grading, fertilizing, planting, care after planting, weed and pest control, and remaking and repairing old lawns. 1.00
- Ornamental Gardening for Americans.** By B. A. LONG. A treatise on beautifying homes, rural districts and cemeteries. 2.00
- Practical Landscape Gardening.** By R. B. CRIDLAND. Planning the location of the house, arrangement and construction of walks and drives, lawns, terraces; how to plant the property; flower garden; architectural features. Rose gardens, rock gardens, etc. 2.50
- Formal Design in Landscape Architecture.** By FRANK A. WAUGH. This book is simple, direct and of immediate value in the daily work of the amateur gardener, the professional landscape architect, and everyone concerned in the making of parks and gardens. Profusely illustrated. Cloth. 260 pages. 3.50
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NUMBER OF PLANTS REQUIRED FOR CIRCULAR BEDS OF VARIOUS SIZES

The adjoining PLANTING TABLE shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant toward the center of the bed.

The adjoining table is based on round beds, for square beds add 25% to the number required for round beds of the same diameter. To find the number required for an oval bed, length and width is to be added together and then divided by 2, thus: 8 and 6 feet = 14 feet divided by 2 gives 7 feet, such a bed requiring the same number of bulbs or plants as a round bed 7 feet in diameter.

Dia- meter	6 Ins. Apart	12 Ins. Apart	18 Ins. Apart	24 Ins. Apart
3 feet	30	8	—	—
4 feet	50	13	7	—
5 feet	83	21	10	—
6 feet	118	30	15	8
7 feet	158	40	20	10
8 feet	206	52	25	13
10 feet	325	82	40	20
12 feet	456	115	57	30
14 feet	615	155	78	40
16 feet	810	202	100	50
18 feet	1020	255	126	64
20 feet	1260	315	156	78

All books listed are delivered transportation paid in the U. S. A. and Possessions.

206 Our Flower Seeds are Selected and Bred to Flourish in U.S.

LIST OF BOTANICAL AND ENGLISH OR COMMON NAMES OF THE MOST POPULAR FLOWERS, PLANTS AND SHRUBS

We have compiled the following list in response to many requests from our customers, and we hope it will prove to be useful.—*Peter Henderson & Co.*

ENGLISH NAME	Page No.	BOTANICAL NAME	ENGLISH NAME	Page No.	BOTANICAL NAME	ENGLISH NAME	Page No.	BOTANICAL NAME
Aaron's Beard.....	129	Saxifraga	Egg Gourd.....	114	Cucurbita Orifera	Mina.....	120	Mina
Abyssinian Banana.....	120	Musa Ensete	Elephant's Ear.....	144	Caladium	Mock Orange.....	114	Cucurbita Aurantiaca
African Golden Daisy.....	112	Dimorphotheca	Emerald Feather.....	100	Asparagus Sprengeri	Monkshood.....	98	Aconitum
African Daisy.....	100	Arctotis	English Daisy.....	102	Bellis	Monkey Flower.....	120	Mimulus
Alkanet.....	99	Anchusa	Evening Primrose.....	114	Oenothera	Moonflower.....	116	Ipomea Grandiflora
Alum Root.....	114	Heuchera	Everlasting Flowers.....	114	Acroclonium, Rhodanthe, Ambrosium, Helichrysium	Morning Glories.....	116	Convolvulus Major
Amethyst.....	102	Browallia	Everlasting Pea.....	117	Lathyrus Latifolius	Mourning Bride.....	130	Scabiosa
Annual Mallow.....	117	Lavatera				Moss Pinks.....	163	Phlox Subulata
Arnebia.....	100	Arnebia						
Asparagus Fern.....	100	Asparagus Plumosus						
Avens.....	113	Geum	False Chamomile.....	163	Boitonia	Nasturtium.....	121	Tropaeolum
Auricula.....	100	Primula Auricula	False Dragon Head.....	126	Physostegia Virginica	Old Maid.....	134	Vinca Rosea
Aurora Flower.....	112	Gaillardia	Feathered Cockcomb.....	104	Celosia Plumosa	Oswego Tea.....	163	Monarda Didyma
			Feverfew.....	109	Matricaria			
			Fish Geranium.....	113	Geranium Zonale†			
			Flame Flower.....	133	Tritoma			
Baby's Breath.....	114	Gypsophila	Flax Flower.....	98	Ageratum	Painted Daisy.....	128	Pyrethrum
Bachelor's Button.....	104	Centaurea Cyanus	Flowering Sage.....	129	Salvia Splendens	Painted Tongue.....	129	Salpiglossis
Baloon Vine.....	101	Cardiospermum	Flowering Tobacco.....	122	Nicotiana	Poppy Iceland.....	128	Papaver Nudicale
Balsam Apple.....	101	Momordica Balsamina	Forget-Me-Not.....	120	Myosotis	Poppy Oriental.....	128	Papaver Orientale
Bartonia.....	101	Bartonia Aurea	Four o'Clock.....	119	Mirabilis Jalapa	Peach Bells.....	103	Campanula Persicifolia
Basket Flower.....	104	Centaurea Americana	Fox Glove.....	111	Digitalis	Periwinkle.....	134	Vinca
Basket of Gold.....	98	Alyssum Saxatile	Fringed Flower.....	130	Schizanthus	Persian Daisy.....	163	Pyrethrum
Battlefield Poppy.....	127	Papaver Flanders	Fringed Pinks.....	111	Dianthus Laciniatus	Pin Cushion Flower.....	130	Primula
Beard Tongue.....	124	Pentstemon				Polyanthus.....	126	Primula Eliator
Bee Larkspur.....	110	Delphinium				Pot Marigold.....	102	Calendula
Bell Flower.....	103	Campanula	Gay Feather.....	117	Liatris Spicata	Prickly Poppy.....	100	Argemone
Belvidere.....	117	Kochia	Gillflower.....	131	Stocks	Primrose.....	128	Primula
Begonia.....	101	Begonia	Globe Amaranth.....	113	Gomphrena Globosa	Purple Cone Flower.....	162	Rudbeckia Purpurea
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Blue False Indigo.....	163	Baptisia Australis	Greek Mallow.....	131	Sidalcea	Rock Cress.....	100	Arabis
Blue Lace Flower.....	111	Didiscus Coeruleus				Rocky Mt. Garland.....	108	Clarkia
Blue Lead Wort.....	162	Plumbago Larpentae				Rose Campion.....	118	Lychnis
Blue Thibetan Poppy.....	119	Meconopsis	Hardy Sweet Pea.....	117	Lathyrus Latifolius	Rose Moss.....	128	Portulaca
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Brilliant Stone Crop.....	130	Sedum Spectabilis	Honesty.....	115	Lunaria Biennis	Satin Flower.....	113	Godetia
Burning Bush.....	117	Kochia	Horseshoe Geranium.....	113	Geranium Zonale	Scarlet Sage.....	129	Salvia
Bush Eschscholtzia.....	112	Hunnemannia Fumarifolia	Hyacinth Bean.....	112	Dolichos	Scotch Marigold.....	100	Calendula
Butterfly Flower.....	130	Schisanthus				Scotch Pinks.....	111	Dianthus Plinarius
						Sea Lavender.....	131	Statice
						Serpent Gourd.....	114	Tichosanthus Columbrina
						Shasta Daisy.....	107	Chrysanthemum Lucanthemum
Calabash Gourd.....	114	Lagenaria Vulgaris	Indian Cress.....	124	Nasturtium			
Calandrinia.....	102	Calandrinia	Indian Shot.....	103	Canna			
Calceolaria.....	102	Calceolaria	Irish Poppy.....	99	Anemone St. Brigid			
California Blue Bell.....	122	Nemophila						
California Poppies.....	112	Eschscholtzia	Japanese Morning Glory.....	116	Ipomea	Siberian Wallflower.....	107	Cheranthus Allioni
Campion.....	118	Lychnis	Japan Primrose.....	128	Primula Japonica	Smilax.....	131	Myrsiphyllum
Canary Bird Vine.....	103	Tropaeolum Canariensis	Japan Hop.....	115	Humulus Japonicus	Snadragon.....	141	Anthrinnium
Candytuft.....	103	Iberis	Japan Ivy.....	99	Ampelopsis Veitchii	Snow-in-Summer.....	107	Cerastium Tomentosum†
Canterbury Bells.....	103	Campanula Media	Jerusalem Cross.....	118	Lychnis Chalcedonica†	Snow-on-the-Mountain.....	112	Euphorbia Variegata
Canterbury Bells-Cup and Saucer.....	103	Campanula Calycanthema	Joseph's Coat.....	99	Amaranthus Tricolor	Speedwell.....	134	Veronica
Cardinal Climber.....	110	Ipomea Quamoclit				Spider Plant.....	108	Cleome
Cardinal Flower.....	117	Lobelia Cardinalis	Kenilworth Ivy.....	117	Linaria Cymbalaria	Stocks.....	131	Gilliflower
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Catchfly.....	131	Silene				Strawflower.....	114	Helichrysium
Cathedral Bells.....	108	Cobea Scandens	Lady Slipper.....	101	Balsam	Summer Cypress.....	117	Kochia
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Chinese Lantern Plant.....	126	Physalis Francheti	Lemon Verbena.....	134	Aloysia Citriodora	Sunplant.....	128	Portulaca
China Pink.....	111	Dianthus	London Tufts.....	133	Sweet William	Swan River Daisy.....	102	Brachycome
Chinese Gloxinia.....	116	Incarvillea	Love Grove.....	122	Nemophila	Sweet Alyssum.....	98	Alyssum Maritimum
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208 GROWING PLANTS, SHRUBS, VINES AND ROOTS Per Perennial—Sh Shrub—V Vine

A	Butterfly Shrub (Sh)	168	Eulalia	164	Horse Radish	171	O	Sedum (Per)	163		
Achillea (Per)	163	C	Everbearing Straw-	172	Hybrid Perpetual	152	Oswego Tea (Per)	163	Snapdragon	166	
Adam's Needle (Per)	162	Caladium Fancy	164	berries	172	Roses	152	P	Snowball (Sh)	169	
Ageratum	166	Callirhoe	162	Everblooming	150-152	Hybrid Tea	150-152	Pachysandra (Per)	170	Snowberry (Sb)	169
Ajuga	162	Calycanthus (Sb)	168	Roses	150-152	Roses	150-152	Papaver (Per)	162-163	Spirea (Sh)	169
Alternanthera	164	Campanula	168	F		Hydrangea (Sh)	164-168	Parsley	171	Stocks	167
Althea (Sh)	163	(Per)	162-163	Ferns, Hardy	161	I		Peony (Per)	161	Stokesia (Per)	163
Alum Root (Per)	163	Candytuft (Per)	163	Floss Flower	166	Iberis (Per)	162-163	Persian Daisy (Per)	163	Strawberries	172
Alyssum (Per)	162-163	Cannas	165	Forget-Me-Not	166	Incarvillea	162	Petunia, Bedding	167	Strawberry Shrub	168
Alyssum, Sweet	166	Canterbury Bells	163	Coll. (Per)	165	Ipomoea (V)	166	Phalaris	164	(Sh)	168
Ampelopsis	170	(Per)	163	Forsythia (Sh)	168	Iris, Japan (Per)	161	Philadelphus (Sb)	169	Sunflower (Per)	163
Anchusa (Per)	163	Cardinal Flower	163	Foxglove (Per)	163	Iris	161	Phlox (Per)	161-162-163	Sweet William	163
Anemone (Per)	163	(Per)	163	Fruits	171-172	Ivy, Boston (V)	170	Physostegia (Per)	162-163	(Per)	163
Antirrhinum	166	Celastrus (V)	170	Funkia (Per)	163	Ivy, English (V)	170	Plum, Double		Symphoricarpos	169
Aquilegia (Per)	163	Cerastium	162	G		L		Flowering (Sh)	169	(Sb)	169
Arabis (Per)	162-163	Chives	171	Gaillardia (Per)	163	Larkspur (Per)	163	Plumbago (Per)	162-163	T	
Aristolochia	170	Chrysanthemum	161	Gentiana	162	Lavender	171	Poppy (Per)	162-163	Tarragon	171
Armeria	162	Clematis (V)	170	Geranium	166	Lemon Verbena	167	Privet (Sh)	169	Torch Lily (Per)	162
Arundo Donax	162	Climbing Roses	153	Geum	162	Lilac (Sh)	169	Prunus (Sh)	169	Tritoma (Per)	162
Aster	161-166	Coleus	164	Gloxinia	164	Lobelia (Per)	163	Pyrethrum (Per)	163	Trumpet Vine (V)	170
B		Columbine (Per)	163	Golden Glow (Per)	162	Lychnis	162	Platycodon	162	V	
Baby's Breath	161-163	Coreopsis (Per)	163	Grapes	172	M		Raspberries	171	Valerian (Per)	162
(Per)	161-163	Crucianella	162	Grasses	164	Marigold	167	Rhubarb	171	Verbena	167
Baptisia (Per)	163	D		Gypsophila (Per)	161-163	Mertensia	162	Rock Garden	171	Veronica (Per)	163
Barberry (Sb)	168	Dahlia	154-159	H		Mint	171	Plants (Per)	162	Viburnum (Sb)	169
Begonia	164-166	Day Lily (Per)	163	Hedge (Sh)	169	Mock Orange (Sh)	169	Rose of Sharon (Sh)	168	Vinca (V)	170
Berberis (Sh)	168	Delphinium (Per)	163	Helianthus (Per)	163	Monarda (Per)	163	Roses	147 to 153	W	
Bignonia (V)	170	Deutzia (Sh)	168	Heliotrope	166	Monardella (V)	166	Rudbeckia (Per)	162-163	Weigelia (Sh)	169
Bittersweet (V)	170	Dianthus (Per)	163	Hemerocallis (Per)	163	Moss Pink (Per)	163	S		Windflower (Per)	163
Blackberries	171	Dicentra	162	Hepatica	162	Myrtle, Creeping	170	Salvia	162-167	Wistaria (V)	170
Bleeding Heart	161	Dielytra	161	Heuchera (Per)	162-163	N		Saponaria	162	X, Y, Z	
Boltonia (Per)	163	Digitalis (Per)	163	Hibiscus (Per)	163	Nepeta	162	Scabiosa (Per)	163	Yucca (Per)	162
Boston Ivy (V)	170	Dracaena	164	Hollyhock	167	O		Scarlet Sage	167	Zinnia	162
Bridal Wreath (Sh)	169	E		Honeysuckle (V)	170	R		X, Y, Z			
Buddleia (Sb)	168	English Ivy (V)	170			Raspberries	171				
						Rhubarb	171				
						Rock Garden	171				
						Plants (Per)	162				
						Rose of Sharon (Sh)	168				
						Roses	147 to 153				
						Rudbeckia (Per)	162-163				
						S					
						Salvia	162-167				
						Saponaria	162				
						Scabiosa (Per)	163				
						Scarlet Sage	167				
						X, Y, Z					
						Yucca (Per)	162				
						Zinnia	162				

VEGETABLE SEEDS, FARM AND GRASS SEEDS

Vegetable Seeds	Chicory	34	K	Radish	63-64	Vegetable Plants	171	Peas, Cow	79
A	Coriander	71	Kale	44	R			W	
Anise	71	Corn, Pop.	41	Kohl Rabi	44	Rhubarb	64	Wormwood	71
Artichoke	16	Corn Salad	34	L		Romaine Lettuce	48	Watercress	34
Asparagus	16	Corn, Sweet	15-40-41	Lavender	71	Roots and Plants	171	Watermelon	51
B		Cress	34	Leek	44	Rosemary	71	Witloof	71
Basil	71	Cucumber	42	Lettuce	45 to 48	Rutabaga	70	Farm and Grass Seeds	
Beans, Bush Green	17, 18, 19	D		M		S		Alfalfa	75
Wax	20	Dandelion	43-72	Marjoram	71	Sage	71	Barley	81
Pole, String	21	Dill	71	Martynia	51	Salsify	64	Beans, Field	19
Lima Bush	22-23	E		Melon, Musk	49-50	Savory	64	Beet, Sugar	81
Lima, Pole	21	Egg Plant	43	Melon, Water	51	Scorzonera	64	Buckwheat	80
Beet	24-25	Endive	43	Mushroom Spawn	52	Shallots	54	Canary Seed	81
Borage	71	Escarole	43	Mustard	51	Sorrel	64	Clover	76
Broccoli	23	F		O		Spinach	65-66	Corn, Broom	81
Brussels Sprouts	26	Fennel	71-72	Okra	55	Squash	67	Field	78-79-81
C		Fetticous	34	Onion Seed	52-53-54	Swiss Chard	66	Kaffir	81
Cabbage	26-27-28	Finocchio	72	Onion Sets	54	T		Doura	81
Chinese Cabbage	71	G		Oyster Plant	64	Tansy	71	Grass Mixtures	75
Caraway	71	Garlic	54	P		Thyme	71	Grasses, List of	76
Carrot	31-32	Gumbo	55	Parsley	54	Tobacco Seed	71	Hemp	81
Cardoon	34	H		Parsnip	54	Tomato	15, 35, 68-69	Manuring Mixture	81
Catnip	71	Herbs	71	Peas	56 to 59	Turnip	70	Mangel Wurzel	81
Cauliflower	29-30	Hop Seed	71	Pepper	60-61	V		Millet	80
Celeriac	39	Horehound	71	Pepper Grass	44	Vegetable Marrow	67	Oats	77
Celery	33-38-39	Horse Radish	171	Pop Corn	44	Vegetable Seed	73-74	Peas, Canada Field	79
Chervil	34	Hyssop	71	Pumpkin	61	O		Lawn Grass Seed	
						Collis	73-74	The Henderson	5-12
								Seaside	11
								Shady Nook	10
								Special Bent For-	12
								mula	11
								Sunny South	11
								Terrace Sod	10
								Grasses, Golf and	7-8
								Athletic	7-8

IMPLEMENTS, TOOLS, FERTILIZERS, INSECTICIDES, BOOKS

Aprons	184	Electric Hedge	189	Grass Edger	189	Lawn Carts	181	Pruners, Tree	187	Spray Pump	194
Arches	183	Clippers	189	Grass Hooks	190	Lawn Edgers	189	Putty Bulbs, Rub-	182	Bucket	194
Asparagus Buncher	184	Extension Spray Rod	194	Green House Paint	182	Lawn Mowers	173-175	ber	182	Spray Pump Hose	178
Axes	184	Fence, Portable	183	Grub Hoe	185	Lawn Mowers,		Rakes, Garden and	188	Sprinklers	178
Bamboo Rake	188	Fertilizer Distribu-	174-181	Harrow	176	Power	175	Lawn	188	Lawn	177-178
Baskets	184	tors	174-181	Hay Rake, Hand	188	Lawn Mower	192	Raphia	188	Sprinkling Cart	178
Bellows, Powder	195	Fertilizers	199 to 201	Hedge Shears	189	Sharpener	192	Rollers, Hand	175	Stakes	183
Bill Hooks	187	Flower Gathering	189	Hedge Trimmer	189	Lawn Sand	196	Power	175	Stimulgerim	201
Bird Houses	184	Shears	189	Hoes, Hand	185	Lawn Sweepers	176	Rubber Sprinkler	191	Sun Dials	191
Bird Netting	184	Forks	185	Hooks, Potato	188	Lawn Trimmer	174	Sash	182	Syringes	195
Books	202 to 205	Frames, Cold	182	Hose Boots	174	Leaf Rack, Wire	181	Saucers, Rubber	186	Tape, Johnson's	185
Border Cutters	190	Frames, Hot-Bed	182	Hose Coupler	179	Mats, Hot-Bed	182	Saws	187	Thermometers	191
Border Fencing	183	Fruit Pickers	188	Hose Hanger	178	Mattock	186	Scissors	189	Torch, Asbestos	195
Bottle Sprayer	179	Fruit Presses	188	Hose Holder	178	Mole Trap	191	Scythe Stones and	188	Tree Guards	188
Broom, Lawn	188	Fungicides	196-197	Hose Menders	179	Mulch Paper	186	Rifles	190	Tree Protectors	188
Brush, Axe	184	Garden Line and	188	Hose Nozzles	179	Nails, Vine and Wall	192	Seed Sowers and	182	Tree Scraper	188
Burner, Rubbish	188	Reels	188	Hose Reels	178	Netting, Bird	184	Broadcast	174-176	Trellis	183
Burning Brands	184	Garden Plow	180	Hose, Rubber	178	Netting, Pea	183	Seeder, Planet, Jr.	180	Trowels	190
Carts, Hand	181	Garden Tool Set	192	Hot Beds	182	Nozzles	179	Semesan	196	Tubs, Plant	191
Caterpillar Lamp	195	Glass Cutters	182	Humus	200	Paint for Green-	182	Shears, Lawn, etc.	189	Turf Edgers	190
Celery Blancher	184	Glazing Points	182	Insecticides	197-198	house	182	Shears, Lopping	187	Turfing Spade	176
Cloth, Protecting	184	Glazing Putty	182	Jelly Strainer	188	Pencils, Label	186	Shovels	190	Twines	191
Compost	200	Glazing Tools	182	Knives	186	Plant Sprinklers	191	Signs, Keep Off the	190	Vanes, Weather	192
Cultivators		Gloves	182	Upon request we will	186	Rubber	191	Grass, etc.	190	Vaporizer	193
Hand Power	180	Golf Course Im-	175-178	supply a budding knife	186	Plant Supports	183	Snaths, Scythe	190	Water Barrel	194
Henderson and	185	Golf Seeder	176	for gardener to parties	186	Poison Ivy De-	196	Sod Cutter	176	Watering Pots	186
Prong	185	Golf Set Miniature	192	sending an order for	186	stroyer	196	Sod Perforator	176	Weed Cutter	192
Horse Power	180	Golfing Chisel	185	seeds amounting to	186	Post Hole Diggers	187	Sod Tamper	176	Weed Destroyer	196
		and Mallet	185	\$20.00 or over	186	Pots, Waterproof	186	Soil Tester	192	Weeders, Hand	192
Dandelion Puller	192	Grafting Tape	185	Labels, Field	186	Paper	175	Spades	190	Wheelbarrows	181
Dibbers	185	Grafting Wax	185	Plant and Tree	186	Power Mowers	188	Spike Roller	194	Window Boxes	191
Duster, Powder	195	Grape Bag	184	Ladders	187	Press, Fruit	188	Sprayers	193-194	Wine Presses	188
Edging Tools	190	Grass Catchers	174			Pruning Shears	189	Spray Nozzles	179	Worm Killer	196



Dr. W. Van Fleet



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